~~Map 1071.9*~~ Atlas 1010.4.1887.2
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THE

POCKET ATLAS OF THE WORLD.

A COMPREHENSIVE AND POPULAR SERIES OF MAPS ILLUSTRATING PHYSICAL AND POLITICAL GEOGRAPHY.

BY

JOHN BARTHOLOMEW, F.R.G.S.

NEW EDITION

WITH COMPLETE INDEX AND GEOGRAPHICAL STATISTICAL NOTES.

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GEOGRAPHY.

SO much doubt and misconception appear to exist as to the definition and exact limits of Geography, that its recognition as an important science has suffered much in consequence, whilst its study has been correspondingly neglected.

Geography is simply, the science which considers and describes the world as the dwelling-place of the human race, or in other words, it is the study of the earth in its relation to man, his present life and past history.

For a correct conception of the limits of Geography we must at the outset divide it into two sections, viz., the *Geography of Nature* and the *Geography of Man.* The Geography of Nature, generally known as Physical Geography (*Gr.*, *physis*, nature), is a description of the present surface of the globe, its land, water, and atmosphere, with their relation to organic life. The Geography of Man is a description of the towns, states, and other features on the earth's surface formed by man, and therefore called Political Geography (*Gr.*, *polis*, a city).

Physical Geography, however, being to a certain extent what may be called a concrete science, is of such a comprehensive nature that it is apt to be confused with the special sciences which directly bear upon it, and from which it gathers many of its data. For instance, when we consider the place of the earth in the Solar System and the Universe, we apply *Astronomy* to Geography; or when we deal with its configuration and structure we have recourse

to *Geology*. In doing so thoroughly, however, we do not exhaust Astronomy or Geology—for their sphere is much more extensive; we only draw upon them to a limited extent, and in no way interfere with their existence as separate sciences. In a similar way do the sciences of Meteorology, Electricity, Chemistry, Botany, Zoology, Ethnology, &c., contribute to the information out of which the science of Geography is formed. At first sight, it might appear to some that, taken together, all these sciences cover the scope of Geography, and in fact, do away altogether with the need of its existence as a separate science. This, however, is not the case, for it must always be borne in mind, that the sciences in question are only considered so far as the one definite object of Geography is concerned, viz., the light thrown by them upon the surface of the globe as the abode of man.

As the prosperity of peoples, towns, and states depends very much on the physical conditions of a country—the character of its surface, its climate and position—it is evident that in order to pursue an intelligent study of Political Geography, it is also necessary to consider the Natural or Physical Geography of the World, for it is only thus that a true conception of Comparative Geography can be arrived at.

It is evident, therefore, that Geography is a most practical science,—being, as it is, the embodiment, and application to man, of all scientific and statistical information relating to the present surface of the globe,—and that its study is as profitable to the merchant as to the man of science, to those who stay at home as to those who travel abroad.

Statistical Tables

SUMMARISING THE LEADING FACTS OF GENERAL GEOGRAPHY.

ASTRONOMICAL GEOGRAPHY.

THE SOLAR SYSTEM.

	Mean Distance from Sun in Miles.	Sidereal Revolution in Days.	Diameter in Miles.	Density, Earth's as 1.
Sun	..	..	852,900	0.25
Mercury ..	35,392,000	87	3,058	1.12
Venus.. ..	66,134,000	224	7,510	1.03
Earth	91,430,000	365	7,926	1.00
Mars	139,311,000	686	4,363	0.70
Asteroids	200,000,000 to 315,000,000	1,200 to 2,400	.. ..	.. ..
Jupiter ..	475,692,000	4,332	84,846	0.24
Saturn ..	872,137,000	10,759	70,136	0.13
Uranus ..	1,753,869,000	30,686	33,247	0.17
Neptune ..	2,745,998,000	60,126	37,276	0.16

DIMENSIONS OF THE EARTH.

Greater or Equatorial Diameter	7,926 miles.
Lesser or Polar Diameter	7,899 ,,
Mean Diameter	7,916 ,,
Circumference at Equator	24,899 ,,
Area of Surface	196,900,278 sq. miles.
Solid Contents	260,000,000,000 cub. m.
Weight	6,000,000,000,000,000,000,000 tons.

SEASONS OF THE YEAR.

Spring commences,	Sun's entrance	into	Aries,	..	Mar. 20.
Summer	,,	,,	,,	,, Cancer,	..	June 21.
Autumn	,,	,,	,,	,, Libra,	..	Sept. 22.
Winter	,,	,,	,,	,, Capricornus,		Dec. 21.

PHYSICAL GEOGRAPHY.

DISTRIBUTION OF LAND AND WATER.

The Globe.

Land, ..	52,000,000 sq. miles,	In the ratio of 1 : 2.8
Water, ..	145,500,000 ,,	

Continental or Land Hemisphere.

Land, ..	44,000,000 sq. miles,	In the ratio of 1 : 1.2
Water, ..	54,000,000 ,,	

Oceanic or Water Hemisphere.

Land, ..	8,000,000 sq. miles,	In the ratio of 1 : 11.3
Water, ..	90,500,000 ,,	

THE OCEANS.

	Area in Square Miles.	Area of Land Draining into.	Total Area of Basin.	Av'r'ge Depth in Fths.
Atlantic	35,160,000	19,050,000	54,210,000	2010
Pacific..	67,800,000	8,660,000	76,460,000	2130
Indian..	25,000,000	5,590,000	30,590,000	1830
Arctic ..	5,000,000	7,415,000	12,415,000	850
Antarctic	4,575,600	3,600,000	8,175,500	1000

THE CONTINENTS.

	Area in Square Miles.	*Length of Coastline.	Sq. Mls of Area to 1 Ml. of C'st.	Av'r'ge Height in Feet.
Europe	3,756,970	19,500	192	985
Asia	17,212,680	35,000	491	1600
Africa	11,514,770	16,000	719	1600
North America ..	7,900,350	24,500	322	1350
South America ..	6,854,100	14,500	472	1200
Australia.. ..	2,964,000	10,000	296	822

* This does not include the smaller indentations.

CLIMATE.

Climate Zones of the World * (*See Map No. 5*).

North Frigid Zone, ..	Mean Annual Temp. of	20°	Fahr.
North Temperate Zone,	,, ,,	50°	,,
Tropical Zone, ...	,, ,,	80°	,,
South Temperate Zone,	,, ,,	50°	,,
South Frigid Zone, ..	,, ,,	20°	,,

Average Rainfall at Different Latitudes.

Latitude.	Inches of Rain.	Latitude.	Inches of Rain.
0° Equator	100	50°	30
20°	80	60°	20
30°	60	70°	10
40°	40	80	5

Table showing Temperature and Rainfall of Cities in Different Parts of the World.

Cities.	Latitude.	Mean Annual Temp *	Mean Sum'er Temp.	Mean Winter Temp.	Mean Annual Rainf'l
London ..	51° 32′ N.	50.1	63.8	37.3	24
Edinburgh ..	55° 57′ N.	47.2	57.6	37.9	24
Dublin ..	53° 21′ N.	50.1	59.8	41.9	30
Paris	48° 50′ N.	51.5	64.9	38.2	21
Madrid ..	40° 25′ N.	57.9	74.5	42.0	10
Rome	41° 54′ N.	59.5	74.2	45.2	39
St Petersburg	59° 58′ N.	38.7	60.8	17.2	16
Pekin	39° 53′ N.	54.8	81.1	26.7	28
Singapore ..	1° 15′ N.	80.8	91.4	79.4	97
Calcutta ..	22° 36′ N.	79.5	86.7	72.2	70
Bombay ..	18° 57′ N.	81.2	82.8	77.4	80
Cape Town ..	34° 56′ S.	64.7	70.0†	58.3‡	24
New York ..	41° 6′ N.	51.7	72.3	31.4	36
New Orleans	29° 57′ N.	69.8	82.0	55.8‡	60
San Francisco	37° 47′ N.	55.0	57.0	52.0	20
Melbourne ..	37° 49′ S.	57.6	65.2†	49.0‡	31
Sydney ..	33° 54′ S.	62.7	69.6†	54.0‡	52

* Degrees Fahrenheit. † Dec., Jan., and Feb. ‡ June, July, and Aug.

HEIGHTS OF MOUNTAINS, &c.

NAME.	Feet.	NAME.	Feet.
EUROPE.		AFRICA.	
Mt. Blanc (*W. Alps*)	15,732	Kilima-njaro ..	18,712
Ortler (*E. Alps*) ..	12,810	Kenia	18,681
Mulhacen (*S. Spain*)	11,663	Ras Detshen (*Abys.*)	15,130
Maladetta (*Pyren.*)	11,168	Cameroons . ..	13,000
Etna (*Sicily*) ..	10,874	Peak of Teneriffe	12,182
Olympus (*Greece*)	9,749	Miltsin (*Atlas*) ..	11,398
Gran Sasso (*Apen.*)	9,545	Cathkin Pk. (*Natal*)	10,357
Mte. Rotondo (*Cor.*)	9,068	Table Mountain ..	3,550
Tatra (*Carpathians*)	8,705	Great Pyramid ..	449
Gt. St Bernard (*Pass*)	8,120	NORTH AMERICA.	
Snehaetten (*Nor.*)	7,565	Orizaba	17,879
Mont Dore (*France*)	6,180	Popocatepetl ..	17,783
Töll-Poss-is (*Urals*)	5,540	Mt. Brown ..	16,000
Ben Nevis (*Scot.*)	4,406	Mt. Hooker ..	15,750
Snowdon (*Wales*)	3,590	St Elias (*Alaska*)	14,970
Carn Tual (*Ire.*) ..	3,404	Mt. Shasta ..	14,440
Arthur's Seat (*Edin.*)	823	Long's Peak ..	14,271
Hill of Howth (*Dub.*)	563	Freemont Peak ..	13,570
Cologne Cathedral	512	Agua	13,200
St Paul's Cathedral	404	Black Dome (*Alleg.*)	6,707
Primrose Hill (*Lon.*)	219	Yosemite Falls ..	2,600
ASIA.		Capitol (*Wash.*) ..	396
Mt. Everest (*Him.*)	29,002	Gt. Tree (*Yosemite*)	325
Dapsang *Karakor'm*	28,278	SOUTH AMERICA.	
Kinchinjinga (*Him.*)	28,156	Aconcagua ..	22,415
Sad Istragh (*Hindu Kush*)	24,174	Sorata	21,484
Tengri Khan (*Thian Shan*)	23,177	Chimborazo ..	21,418
Kuen Lun Mts. ..	22,000	Sahama	21,041
Ararat (*Armenia*)	19,916	Potosi (*city, Bolivia*)	13,120
Demavend (*Elburz*)	18,600	Tolima	13,092
Pamir Steppe ..	16,000	Lake Titicaca ..	12,490
Plateau of Tibet ..	15,000	Itatiaia (*Brazil*) ..	8,900
Fusi Yama (*Japan*)	14,180	Roraima (*Guiana*)	7,890
Kini Balu (*Borneo*)	13,698	OCEANIA.	
Leh (*town, Tibet*)	11,532	Mt. Owen Stanley	13,205
Bieluka (*Altai*) ..	11,000	Mauna Roa ..	13,120
Sokhondo (*Yablonoi*)	8,046	Mt. Cook (*N. Z.*)	12,400
		Erebus (*Antarctic*)	12,369
		Mt. Kosciusko ..	7,176

PRINCIPAL RIVERS.

RIVER.	Basin Sq. Miles.	L'ngth Miles.
EUROPE.		
Volga ..	527,000	2,400
Danube	306,000	1,795
Don ..	176,000	995
Petchora	114,400	900
Dnieper	195,000	750
Rhone	37,900	645
Rhine ..	75,000	600
Elbe ..	55,000	550
Tagus ..	33,000	540
Loire ..	44,500	530
Dniester	27,300	500
Po ..	34,600	450
Oder ..	45,200	445
Guadiana	25,000	400
Thames	6,160	215
ASIA.		
Yenisei	1,180,000	3,300
Yang-tse-kiang	722,000	3,300
Obi ..	1,400,000	2,800
Amur ..	807,000	2,800
Lena ..	1,000,000	2,600
Hoang-Ho ..	387,000	2,600
Brahma-putra	370,000	2,000
Indus ..	370,000	1,980
Euphra-tes ..	259,000	1,305
Ganges	432,500	1,300
Mekong	216,000	1,250
Sir Daria	237,920	720

RIVER.	Basin Sq. Miles.	L'ngth Miles.
AFRICA.		
Congo ..	1,300,000	2,900
Nile ..	1,085,000	2,400
Niger ..	900,000	2,300
Zambesi ..	500,000	1,400
Orange ..	418,000	1,000
Limpopo	216,000	990
Cubango	300,000	950
Senegal ..	170,000	900
Shari ..	300,000	810
Gambia ..	30,000	650
AMERICA.		
Mississipi with Missouri	1,250,000	4,200
Winnipeg & Nelson	486,500	3,840
Amazon ..	2,275,000	3,750
Rio de la Plata ..	1,242,000	2,300
Mackenzie	590,000	2,300
StLawrence	410,000	2,000
Rio Grande del Norte	245,000	1,400
Sao Fran-cisco. Br'zil	187,200	1,300
Orinoco ..	400,000	1,200
Columbia (Cal.) ..	298,000	1,020
Colorado (Cal.) ..	257,000	1,000
AUSTRALIA.		
Murray with Darling	500,000	2,000

AREA OF LARGEST LAKES.

NAME.	Area in Sq. Miles.	NAME.	Area in Sq. Miles.
Caspian Sea ..	180,000	Lake Nicaragua	6,170
Lake Superior ..	32,000	Lake Maracaybo	5,000
Victoria Nyanza	29,036	Lake Titicaca ..	3,500
Lake Aral ..	26,000	Lake Onega ..	3,400
Lake Michigan	22,000	Lake Gairdner..	2,970
Bangweolo ..	21,254	Lake Wener ..	2,022
Lake Huron ..	21,000	Lake Torrens ..	1,800
Lake Tchad ..	14,531	Great Salt Lake	1,800
Nyassa	14,220	Dead Sea ..	1,360
Great Bear Lake	14,000	Lake Peipus ..	1,082
Lake Baikal ..	13,500	Lobnor	850
Tanganika ..	13,497	Lake Mälar ..	650
Lake Erie ..	9,600	Platten-See ..	245
Lake Balkash ..	8,400	Lake Geneva ..	223
Lake Ladoga ..	7,150	Boden-See ..	207
Lake Ontario ..	6,300	Lough Neagh ..	153

AREA OF LARGEST ISLANDS.

NAME.	Area in Sq. Miles.	NAME.	Area in Sq. Miles.
New Guinea ..	306,000	Haïti	28,204
Borneo	289,000	Tasmania ..	26,215
Madagascar ..	230,000	Ceylon	24,474
Sumatra ..	172,250	Novaia Zemlia, N.	19,353
Hondo (Japan)	90,500	Tierra del Fuego	18,576
Great Britain ..	83,826	Novaia Zemlia, S.	15,812
Celebes	70,000	Formosa ..	14,978
New Zealand (S.I.)	55,000	Hainan	13,974
Java	51,350	Sicily	11,290
Cuba	47,570	Sardinia.. ..	9,398
New Zealand (N.I.)	44,000	Jamaica.. ..	4,250
Luzon (Philipp'ns)	42,790	Hawaiï	3,906
Newfoundland..	42,000	Cyprus	3,706
Iceland	39,740	Porto Rico ..	3,530
Mindanao (Phil.)	32,700	Corsica	3,376
Ireland	32,500	Crete	3,325

POPULATION OF THE WORLD.

Population and Area in Continents.

Continent.	Population.	Area.	Pers'ns to Sq Mile
Europe	331,972,000	3,756,970	88.3
Asia	795,591,000	17,212,680	46.2
Africa	205,825,000	11,514,770	17.8
North America ..	72,500,000	7,900,350	9.1
South America ..	28,400,000	6,854,100	4.1
Oceania	4,310,000	3,456,700	1.2
Polar Regions ..	82,000	1,730,000	0.6
	1,438,680,000	52,425,570	27.4

Division into Races.

Race.	Location.	Number.
Indo-Germanic or Aryan Race	Europe, Persia, &c.	545,500,000
Mongolian or Turanian	Greater Part of Asia	630,000,000
Semitic or Hamitic ..	N. Africa, Arabia	65,000,000
Negro and Bantu ..	Central Africa ..	150,000,000
Hottentot and Bushmen	South Africa ..	150,000
Malay and Polynesian	Australasia and Polynesia ..	35,000,000
American Indian ..	N. & S. America	15,000,000

Division into Religions.

Roman Catholics	175,000,000	Jews	7,000,000
Protestants ..	110,000,000	Mohammedans	160,000,000
Greek Church	90,000,000	Buddhists ..	400,000,000
Other Christian Sects.. ..	20,000,000	Brahmins ..	220,000,000
Christians	395,000,000	Fetish Worshippers	150,000,000
		Various and unknown ..	100,000,000

PRINCIPAL STATES WITH THEIR COLONIES AND PROTECTORATES.

STATES.	Area in Square Miles.	Population.	Pers. to Sq Mile
1. British Empire ..	8,603,461	256,457,690	29.8
2. Russian Empire ..	8,520,637	102,682,124	12.5
3. Chinese Empire ..	4,419,150	403,259,000	91.4
4. United States ..	3,557,000	50,445,336	14.1
5. Brazil	3,275,326	12,002,978	3.6
6. Ottoman Empire ..	1,812,000	32,818,000	18.1
7. Argentine Republic	1,185,086	2,952,800	2.4
8. Congo Free State..	1,056,200	27,000,000	..
9. France	1,014,000	61,843,000	60.9
10. Bolivia	842,729	1,957,352	2.3
11. Mexico	743,948	10,006,882	13.4
12. Portugal	741,005	8,037,378	10.8
13. Netherlands ..	695,440	32,108,961	46.1
14. Venezuela	632,700	2,075,250	3.2
15. Persia	610,000	7,654,000	12.5
16. Colombia	504,773	3,000,000	5.9
17. Peru..	483,847	2,657,863	5.4
18. German Empire ..	389,700	45,730,000	117.3
19. Spain	361,643	24,626,239	68.0
20. Sweden and Norway	293,848	6,410,495	21.8
21. Austria-Hungary ..	265,189	39,112,799	147.4
22. Chili	256,400	2,415,621	9.4
23. Siam	250,000	5,750,000	23.0
24. Ecuador	248,370	946,033	3.8
25. Morocco	219,000	5,000,000	22.7
26 C. America (5 states)	164,195	2,746,911	16.7
27. Japan	148,456	36,700,118	247.2
28. Abyssinia	129,000	3,000,000	23.2
29. Italy	114,410	29,361,032	260.4
30. S. African Republic	114,360	750,000	6.5
31. Denmark	100,908	2,091,239	20.7
32. Paraguay	91,970	346,048	3.7
33. Orange Free State	70,000	133,500	1.9
34. Roumania	48,307	5,376,000	11.1
35. Greece	25,111	1,979,561	78.8
36. Bulgaria	24,360	2,007,919	82.4
37. Servia	18,800	1,865,683	93.0
38. Switzerland ..	15,892	2,846,102	179.09
39. Belgium	11,373	5,784,958	508.6

ARMIES AND NAVIES OF PRINCIPAL STATES.

STATE.	ARMY. War Footing	NAVY.			
		Total Vess'ls	H. Power.	Guns.	Iron-clads.*
Austria-Hungary	1,058,900	90	119,900	743	11
China	1,070,000	..	..	..	19
France	2,500,000	381	487,800	1,670	46
Germany ..	2,650,000	108	227,900	1,020	24
Greece	100,000	62	25,000	135	2
India (Nat. Army)	103,716	..	..	..	..
Italy	2,119,250	127	196,166	925	18
Russia	2,121,864	358	191,976	671	40
Spain	452,239	171	111,500	750	5
Turkey	758,000	145	183,300	915	15
United Kingdom	644,700	400	877,000	4,500	63
United States ..	27,150†	92	..	..	32

* Included in total number of vessels.
† 6½ million citizens might be enrolled in case of war.

COMMERCE OF PRINCIPAL STATES.

STATE.	Value of Impts. for year 1882.	Value of Expts. for year 1882.	Merchant Fleet.	
			Vessels	Tonnage.
Aust-Hung	£65,417,374	£78,189,277	9,174	321,402
Aust. & N. Z	63,844,329	50,633,334	..	..
Belgium..	114,064,000	102,556,000	62	82,647
Canada ..	24,381,293	20,853,012	7,374	1,267,394
China ..	20,614,283	19,669,980	6,265	4,942,000
Denmark	14,059,450	10,445,000	3,214	265,156
France ..	235,450,000	182,468,000	15,058	919,208
Germany	158,235,000	162,235,000	4,370	1,226,650
Greece ..	6,245,360	3,577,680	3,224	250,143
India ..	58,314,865	82,999,347	..	..
Italy ..	49,039,400	45,682,000	7,471	973,333
Japan ..	5,709,600	7,121,800	1,398	1,518,272
Netherl'nds	82,666,000	62,666,000	837	923,000
Norway ..	8,915,300	6,830,900	7,913	1,530,004
Russia ..	56,680,000	61,780,000	5,256	632,612
Spain ..	24,590,000	25,690,000	1,826	508,879
Sweden ..	12,768,000	14,104,800	4,235	547,676
Turkey ..	16,100,000	7,650,000	434	75,224
Un. Kingd.	413,019,600	306,660,700	24,675	7,242,216
Un. States	144,927,900	146,647,950	24,217	4,200,000

THE BRITISH EMPIRE.

COUNTRY.	Date of Acquisition.	Area in Square Miles	Population.
Gt. Britain & Ireland	..	120 832	35,241,482
Heligoland	1807	$\frac{1}{3}$	2,001
Gibraltar	1704	$1\frac{2}{3}$	18,381
Malta and Gozo ..	1800	143	154,256
EUROPE	..	120,977	35,416,120
Cyprus	1878	3,707	186,173
British India ..	1625-1856	898,381	201,888,900
Ceylon	1796	25,365	2,763,984
Andaman&Nicobar Is.	..	3,192	20,128
Straits Settlements ..	1785-1819	1,445	480,000
Burma	1885	190,500	3,000,000
North Borneo ..	..	26,000	150,000
Hong-Kong	1843	32	160,402
Labuan I.	1846	30	6,298
Aden, Kuria Muria Is.	1838	66	34,711
Perim and Mosha ..	1855	5	160
Kamaran I.	..	64	..
Keeling Is.	..	8	400
Socotra I.	1886	3,000	10,000
ASIA	..	1,151,795	208,911,156
New South Wales ..	1787	316,320	869,310
Norfolk I.	..	17	663
Victoria	1787	87,884	931,790
Queensland	1859	669,520	287,475
South Australia ..	1836	903,690	308,777
Western Australia ..	1829	1,060,085	31,700
Tasmania	1803	26,375	126,220
New Zealand ..	1841	104,403	584,970
Fiji Islands	1874	8,034	129,894
Rotumah I.	1881	14	2,680
Auckland I.	..	197	..
Lord Howe I. ..	..	3	65
Starbuck&Caroline Is.	..	4	..
Fanning & Malden Is.	..	50	230
New Guinea ..	1884	85,330	137,500
Ellice & Kermadec Is.	1886	..	..
OCEANIA ..	..	3,261,926	3,411,274

THE BRITISH EMPIRE—CONTINUED.

COUNTRY.	Date of Acquisition.	Area in Sq. Miles.	Population.
Cape Colony & Deps.	1806-1877	232,440	1,211,800
Basuto Land ..	1868	10,293	128,000
Natal	1838	18,755	418,731
Bechuana Land ..	1885	184,500	..
Walfisch Bay ..	..	480	..
Sierra Leone ..	1787	1,000	60,546
Gambia River ..	1631	69	14,150
Gold Coast	1661	15,000	408,000
Lagos..	1861	73	87,165
Niger Districts ..	1884	..	..
St Helena	1651	47	5,085
Ascension .. .	1815	34	300
Tristan D'Acunha ..	..	45	106
Mauritius & Depends.	1810	1,025	361,100
N.Amsterdam&S.Paul	..	28	0
AFRICA	..	463,789	2,694,983
Dominion of Canada	1623-1760	3,470,390	4,324,810
Newfoundland ..	1583	42,734	196,411
Bermudas	1609	19	16,096
Bahamas	1670	7,562	27,452
Jamaica	..	4,193	580,804
Turk and Caicos Is.	..	130	4,778
Cayman Is.	..	225	2,400
British Honduras ..	1783-86	7,562	27,452
West Indies—			
Leeward Is. ...	1626-1763	740	122,628
Barbadoes ..	..	166	171,860
Windward Is. ..	1605-1803	664	146,340
NORTH AMERICA	..	3,514,385	5,621,031
Trinidad	1797	1,755	155,532
British Guiana ..	1803	85,425	260,011
Falkland Is... ..	1833	4,839	1,583
South Georgia ..	..	1,570	0
SOUTH AMERICA	..	93,589	413,126
TOTAL OF BRITISH EMPIRE		8,606,461	256,467,690

STATISTICS OF PRINCIPAL CITIES THROUGHOUT THE WORLD.

Towns in order of Size.	Population.	Latitude.	Greenwich Longitude.	H'ght. ab. Sea level.
EUROPE.				
London ..	3,894,000	51° 32′ N.	0° 5′ W.	Sea level
Paris	2,269,000	48° 51′ N.	2° 20′ E.	106
Berlin	1,122,400	52° 31′ N.	13° 23′ E.	128
Vienna ..	1,103,800	48° 13′ N.	16° 22′ E.	481
Constantinople	700,000	41° 0′ N.	28° 59′ E.	Sea level
Liverpool ..	560,400	53° 25′ N.	2° 59′ W.	Do.
Manchester ..	524,000	53° 29′ N.	2° 14′ W.	50
Glasgow ..	514,000	55° 51′ N.	4° 16′ W	30
Madrid ..	500,000	40° 25′ N.	3° 43′ W.	2127
Naples ..	463,200	40° 50′ N.	14° 15′ E.	Sea level
Hamburg ..	411,000	53° 33′ N.	10° 0′ E.	Do.
Birmingham ..	408,500	52° 28′ N.	1° 54′ W.	300
Brussels ..	388,800	50° 52′ N.	4° 21′ E.	200
ASIA.				
Canton ..	1,600,000	21° 50′ N.	114° 12′ E.	50
Pekin	1,000,000	39° 53′ N.	116° 29′ E.	120
Tientsin ..	900,000	39° 8′ N.	117° 16′ E.	50
Fuchow ..	800,000	26° 7′ N.	119° 18′ E.	Sea level
Calcutta ..	795,000	22° 36′ N.	88° 23′ E.	Do.
Bombay ..	773,000	18° 57′ N.	72° 51′ E.	Do.
AFRICA.				
Cairo	368,000	30° 3′ N.	31° 21′ E.	10
Alexandria ..	209,000	31° 9′ N.	29° 54′ E.	Sea level
AMERICA.				
New York ..	1,207,000	41° 6′ N.	74° 0′ W.	Sea level
Philadelphia ..	848,000	39° 53′ N.	75° 12′ W.	133
Brooklyn ..	567,000	40° 41′ N.	74° 0′ W.	Sea level
Chicago ..	504,000	41° 53′ N.	87° 40′ W.	574
Boston ..	364,000	42° 20′ N.	71° 3′ W.	Sea level
Rio Janeiro ..	350,000	22° 57′ S.	43° 7′ W.	Do.
Buenos Ayres	345,000	34° 39′ S.	58° 23′ W.	Do.
Mexico ..	260,000	19° 25′ N.	99° 5′ W.	7480
San Francisco	235,000	37° 47′ N.	122° 25′ W.	Sea level
New Orleans	217,000	30° 0′ N.	90° 0′ W.	20
Montreal ..	142,000	45° 31′ N.	73° 35′ W.	20
AUSTRALIA.				
Melbourne ..	282,000	37° 49′ S.	144° 59′ E.	Sea level
Sydney ..	225,000	33° 54′ S.	151° 14′ E.	Do.

ROUTES OF TRAVEL.

From LONDON to	Shortest Route.	Distance in Miles.	Av'age Time in Days
Aden	Overland Route ..	3,586	11
Alexandria ..	Via Marseilles	2,206	7
Algiers ..	Do.	1,207	3
Berlin.. ..	Via Flushing	610	35 hrs.
Bombay ..	Overland Route ..	5,221	19
Calcutta ..	Overland R. via Bombay	6,471	22
Cape Town ..	Direct by Sea	6,065	21
Chicago ..	Via New York ..	3,982	9
Congo R.(mth.)	Direct by Sea ..	4,874	20
Constantinople	Via Vienna and Varna	1,860	5
Copenhagen ..	Via Hamburg ..	780	2
Dunedin, N.Z.	Via Melbourne ..	12,690	38
Fiji Islands ..	Via San Francisco ..	10,693	29
Havana ..	Direct by Sea	4,187	19
Hong Kong ..	Do. ..	9,357	45
Lisbon ..	Via Paris	1,450	4
Madras ..	Overland Route ..	5,921	21
Marseilles ..	Via Paris	797	27 hrs.
Melbourne ..	Overland Route ..	11,391	33
Monte Video	Direct by Sea	6,150	27
New Orleans	Via New York ..	4,552	10
New York ..	Via Liverpool	3,232	8
Panama ..	Via West Indies ..	4,655	24
Paris	Via Boulogne	262	8 hrs.
Rio Janeiro ..	Direct by Sea	5,200	22
Rome	Via Mont Cenis ..	1,040	2
Sandwich Is.	Via San Francisco ..	7,912	21
San Francisco	Via New York & C.P.R.	5,832	14
Singapore ..	Direct by Sea	7,227	38
St Petersburg	Via Berlin	1,580	3
Sydney ..	Over. R. & v. Melbourne	11,993	35
Tokio.. ..	Direct by Sea	10,977	48
Toronto ..	Via New York ..	3,772	9
Valparaiso ..	Direct by Sea (C. Horn)	8,866	40
Vienna ..	Via Rotterdam and Passau . ..	910	2
Winnipeg ..	Via New York & C.P.R.	4,732	11
Zanzibar ..	Via Aden	5,336	22

GEOGRAPHICAL DISTRIBUTION OF PRODUCTS USED FOR FOOD.

Product.	Countries where Produced.
Almonds ..	Barbary States, &c.
Arrowroot ..	West Indies, East Indies.
Banana	All Tropical Countries.
Barley	North Russia, Sweden, Canada.
Brandy	France (town of "Cognac").
Castor Oil ..	East Indies, West Indies, Florida.
Champagne ..	France (Prov. of Champagne).
Cloves	East Indies, Seychelles, &c.
Cocoa	Brazil, Guiana, Venezuela, C. Amer.
Cocoa Nut ..	All Tropical Countries.
Cod Liver Oil ..	Norway, Newfoundland, Labrador.
Coffee	India, Arab., Brazil, C. Amer., W. Ind's
Currants ..	Sicily, Italy, Greece, Asia Minor.
Dates	North Africa, Arabia, &c.
Figs	Sicily, Italy, Greece, Asia Minor.
Gin	Holland, England.
Maize	All Warm Temperate Countries.
Molasses ..	West Indies, Demerara, Brazil.
Olive Oil ..	Italy, Spain, Turkey, &c.
Opium	India, China.
Oranges.. ..	Spain, Azores, Madeira, Florida, California, Australia, &c.
Pepper	Guiana (Cayenne), India, E. Indies.
Port Wine ..	Portugal.
Quinine . ..	Peru, Colombia, India.
Raisins	Sicily, Italy, Greece, Asia Minor.
Rice	India, China, Japan, &c.
Rum	West Indies, Demerara.
Rye	North Temperate Zone.
Sago	East Indies, Farther India.
Sherry	Spain (town of "Xeres").
Spices	East Indies, Ceylon, Mauritius.
Sugar	W. Indies, Demerara, Brazil, &c.
Tapioca	West Indies, Tropical America.
Tea	China, India, Japan.
Tobacco.. ..	U.S., W. Indies, Philippines, Turkey.
Vanilla	Seychelles, Cent. America, Mauritius.
Wheat	S. Russia, United States, Canada.

GEOGRAPHICAL DISTRIBUTION OF PRODUCTS USED IN MANUFACTURE.

Products.	Countries where Produced.
Alpaca	Peru.
Amber	Shores of the Baltic.
Caoutchouc ..	Brazil, Peru, Cent. America, India.
Cochineal ..	Central America, Canary Is.
Copper	Cornwall, Arizona, S. America, &c.
Cork	Spain, Italy, Algeria.
Cotton	India, United States, Brazil.
Diamonds ..	Transvaal, Brazil, Borneo, India.
Dyes	West Indies, Central America.
Ebony	India, Ceylon, &c.
Eider Down ..	Iceland, Labrador, & Arctic Coasts.
Flax	Whole extent of Europe, Asia, Amer.
Furs	Canada, Siberia.
Gold	Australia, Gold Coast, California, &c.
Guano	West Coast of South America.
Gums	Central Africa, Soudan, &c.
Gutta Percha ..	Singapore, East Indies.
Hides	Argentine Republic, Australia.
Indigo	India, East Indies, Cent. America.
Iron	Sweden, United States, &c.
Ivory	Ceylon, West Africa, Siberia (*fossil*).
Jute	India, &c.
Lead	Cumberland, Derbyshire, Cornwall, United States, &c.
Mahogany ..	Central America, Brazil.
Ostrich Feathers	Cape Colony.
Pearls	Coasts of Indian Ocean.
Petroleum ..	Baku, Rangoon, U. States, Canada.
Pine Wood ..	Baltic Shores, Canada.
Platinum ..	Ural Mountains, Mexico, Brazil.
Sandal Wood ..	East Indies, Pacific Islands.
Silk	France, China, India, Japan, &c.
Silver	West U.S., Peru, Cent. Amer., &c.
Sponges	Levant, West Indies, Bahamas.
Sulphur	Sicily, Lipari Is., &c.
Teak	East Indies, Farther India.
Tin	Cornwall, Banca, Mexico, &c.
Wool	Australia, C. Colony, N. Zealand, &c.

CHRONOLOGICAL SKETCH OF GEOGRAPHICAL DISCOVERY.

Date.	Explorer & Nationality	Discovery.
1000 B.C.	*Phœnicians* ..	Cornwall, England.
500 B.C.	Himilco (*Carthag.*)	Ierne (Ireland).
500 B.C.	*Phœnicians* ..	Persia and India.
330 B.C.	Pytheas (*Grec.*) ..	Norwegian Coast.
250 B.C.	*Parthians*	China.
150 A.D.	*Egyptian*	*Claudius Ptolemy constructs his Geography and Atlas.*
860	Wolfstan & Othere (*Norse*)	Rounded N. Cape of Europe.
861	Do. do.	Faroe Is. to Iceland.
890	Gunbiörn (*Nor.*) ..	Greenland.
1000	Lief (*Icel.*) ..	Labrador, Newfoundland, Nova Scotia, &c.
1271-95	Marco Polo (*Ven.*)	Central Asia, Mongolia, Japan, and Farther India.
1290	*Genoese*	Canaries, Azores, &c.
1442	Nuno Tristaõ (*Port.*)	Cape Verde, &c.
1471	Pedro d'Escobar *do.*	First to cross the Equator.
1484	Diego Cam *do.*	Mouth of Congo.
1486	Bartholom'w Diaz *do.*	Rounded C. of Good Hope.
1486	Ped. de Covilham *do.*	Sofala Coast (S. Africa).
1492-98	Columbus (*Gen.*) ..	West Indies, Trinidad, &c.
1497	Vasco de Gama (*Port.*)	Route to India by Cape of Good Hope.
1497	Giovanni Cabot (*Anglo-Ven.*)	Rediscovered Newfoundland.
1499	Amerigo Vespucci (*Flor.*)	Venezuela, and that America was not "part of Asia."
1513	Nuñez Balbao (*Sp.*)	Discovered Pacific by crossing Panama.
1517	Sebast. Cabot (*Eng.*)	Hudson Strait.
1521	Magellan (*Sp.*) ..	Straits of Magellan, crossed Pacific to Philippines, where he was killed. His ship *Victoria* returned by India Ocean to Spain, being the first to circumnavigate the world.

CHRONOLOGICAL SKETCH OF GEOGRAPHICAL DISCOVERY—CONTINUED.

Date.	Explorer & Nationality.	Discovery.
1519-34	Cortes (*Spain*) ..	Peninsula of California, and explored Mexico.
1524	Pizarro *do.* ..	Peru.
1534	JacquesCartier(*Fr.*)	Gulf of St Lawrence.
1553	Sir H. Willoughby (*Eng.*)	Novaia Zemlia.
1576	Frobisher (*Eng.*)..	Labrador and Baffin Land.
1577-79	Sir F. Drake *do.* ..	Second circumnavigation of the globe.
1596	W. Barentz (*Hol.*)	Spitzbergen.
1610	H. Hudson *do.*	Hudson's Bay.
1614	Schouten *do.*	Cape Horn (*Hoorn*).
1616	Dirk Hartog *do.*	West Coast of Australia.
1642	Abel Tasman *do.*	Tasmania, N. Zealand, &c.
1648	Deshenev (*Rus.*)..	Behring Strait.
1728-41	Vitus Bering *do.* ..	Behring Strait, Alaska, &c.
1768-79	Capt. Cook (*Eng.*)	E.Coast of Australia, Torres Strait, Antarctic Ocean.
1770	James Bruce (*Scot.*)	Sources of Blue Nile.
1785	La Perouse (*Fr.*)..	Japan, Saghalien I., &c.
1791	Vancouver (*Eng.*)	Vancouver I., &c.
1766	Mungo Park (*Scot.*)	Niger.
1819	Sir E. Parry (*Eng.*)	Parry Archipelago.
1823	Denh'm&Clappert'n	Lake Tchad.
1841	Sir James Ross ..	Victoria Land.
1841-73	Livingstone (*Scot.*)	Central South Africa.
1849-55	H. Barth (*Ger.*) ..	Soudan and Sahara.
1850	Sir R. M'Clure ..	North-West Passage.
1858	Burton (*Scot.*) ..	Tanganyika.
1858	Speke (*Eng.*) ..	Victoria Nyanza.
1862	M'D. Stuart (*Scot.*)	Crossed Australia.
1872	Weyprecht (*Aus.*)	Francis Joseph Land.
1876	Stanley (*Amer.*) ..	Congo Basin.
1876	Markham (*Eng.*)..	Grant Land, and N.l. 83° 20′.
1876	Nordenskjöld (*Sw.*)	North-East Passage.
1878-84	Thomson (*Scot.*) ..	East Central Africa.
1882	Greely (*U.S.*) ..	Greely Fiord,and N.l.83° 24′.
1885	Wissmann (*Belg.*)	Kassai.

GEOGRAPHICAL ETYMOLOGY.

The following list gives the root and meaning of some important words or syllables often occurring in the composition of Geographical Names :—

Abad (*Pers.*)	town
Aber (*Celt.*)	at the confluence or mouth of a river
Akaba (*Arab.*)	pass
Ard (*Celt.*)	high
Bahia (*Port.*)	bay
Bahr (*Arab.*)	river
Bally (*Irish*)	village
Balkan (*Turk.*)	mountain
Batang (*Malay*)	river
Beck, bach (*Teut.*)	brook
Ben, pen (*Gael.*)	mountain
Caster, cester, chester (*Lat.* castra)	camp
Chow (*Chin.*)	town
Ciudad (*Span.*)	town
Cordillera (*Span.*)	mtn.range
Dagh (*Turk.*)	mountain
Darja (*Pers.*)	water
Deccan (*Ind.*)	south land
Eski (*Turk.*)	old
Fu (*Chin.*)	town
Gawa (*Jap.*)	river
Giri (*Ind.*)	hill
Gol (*Mong.*)	lake
Grad (*Serv.*)	town
Innis, ennis (*Celt.*)	island
Inver (*Gael.*)	at the mouth of a river.
Irmagh (*Turk.*)	river
Jama (*Jap.*)	mountain
Jebel (*Arab.*)	mountain
Jeni (*Turk.*)	new
Kami (*Jap.*)	above
Kara (*Turk.*)	black
Kebir (*Arab.*)	great
Kesr (*Arab.*)	castle
Kiang (*Chin.*)	river
Kizil (*Turk.*)	red
Ko (*Jap.*)	little
Kuh (*Pers.*)	mountain
Kuro (*Jap.*)	black
Ling (*Chin.*)	mountain
Llan (*Welsh*)	church
Maremma (*Ital.*)	marsh
Me (*Siam.*)	river
Medina (*Arab.*)	town
Nada (*Jap.*)	bay
Nagy (*Magyar*)	great
Nan (*Chin.*)	south
Negro (*Span.*)	black
Nor (*Mongol.*)	lake
Norte (*Span.*)	north
Oë (*Swed.*)	island
Patam (*Sans.*)	city
Pe (*Chin.*)	north
Planina (*Serv.*)	mtn. range
Polis (*Grec.*)	city
Poor, pore (*Ind.*)	town
Puebla (*Span.*)	village
Punta (*Ital.*)	cape
Ras (*Arab.*)	cape
Sahara (*Arab.*)	desert
Selva (*Span.*)	wood
Semlia (*Russ.*)	land
Shan (*Chin.*)	mtn. range
Shima (*Jap.*)	island
Shin (*Jap.*)	white
Sierra (*Span.*)	serrated mts.
Slievh (*Irish*)	mountain
Stan (*Pers.*)	land
Timor (*Mal.*)	east
Varos (*Magy.*)	town
Wick (*Scand.*)	bay or creek

INDEX.

NOTE.

The LETTERS after the names correspond with those in the borders of the map, and indicate the square in which the name will be found. The NUMBERS after the letters indicate the map in the Atlas.

ABBREVIATIONS.

Arch., ARCHIPELAGO; B., BAY; C., CAPE; Cent., CENTRAL; Chan., CHANNEL; Co., COUNTY; Dep., DEPARTMENT; Dist., DISTRICT; Div., DIVISION; E., EAST; Harb., HARBOUR; Hd., HEAD; I., ISLAND; Is., ISLANDS; L., LAKE; Mt., MOUNTAIN; N., NORTH; Pen., PENINSULA; Prom., PROMONTORY; Prov., PROVINCE; Pt., POINT; R., RIVER; Rep., REPUBLIC; S., SOUTH; Sd., SOUND; St., STRAIT; Ter., TERRITORY; Val., VALLEY; Vol., VOLCANO; W., WEST.

Aalborg, Denmark . . Bd 23
Aalesund, Norway . . Ab 23
Aare, River, Switzerland Gc 21
Aarhuus, Denmark . Bd 23
Abaco, Gt. (I.), W Indies Ba 49
Abaco, Lit. (I.), W Indies Ba 49
Abai, River, Abyssinia . Bc 36
Abana, River, Palestine . Db 30
Abarim, Mts. of, Palestine Ce 30
Abbeville, France . Da 21
Aberavon, Wales . . Ac 14
Aberdare, Wales . . Ac 14
Aberdeen, Scotland . Fc 16
Aberdeen (Co.), Scotland Fc 16
Aberfeldy, Scotland . Ca 17
Aberfoyle, Scotland . Ba 17
Abergavenny, England Ac 14
Abergele, Wales . Aa 14
Aberlady, Scotland . Da 17
Aberystwith, Wales . Ab 13
Abingdon, England . Cc 14
Abington, Scotland . Cb 17
Abittibi Lake, Canada . Bb 42
Abo, Russia . . . Bb 24
Abomey, Dahomey . Ce 35
Abrantes, Portugal . Ac 26
Abruzzo, Italy . . . Cb 27
Abu Hammed, Egypt . Bc 36
Abukir, Egypt . . Aa 36
Abyssinia, Africa . . Fd 35
Acajutla, Central America Dc 48
Acapulco, Mexico . Cc 48
Accho, Palestine . . Bc 30
Achil Head, Ireland . Ac 19
Achil Isle, Ireland . Ac 19
Ackerman, Russia . . Bd 24
Achzib, Palestine . . Bb 30
Acklin Island, W Indies Ba 49
Aconcagua, Mt. (vol.) Chili Ce 51
Acre, Palestine . Bc 30
Acre, Bay of, Palestine . Bc 30
Acre, Plain of, Palestine Bc 30
Adam's Peak, Ceylon . Dg 32
Adelaide, S. Australia . Cc 53
Adelsberg, Austria . . Dd 25
Aden, Arabia . . Cg 29
Admiralty Gulf, Australia Ba 53
Adour, River, France . Ce 21
Adowa, Abyssinia . . Bc 36
Adra, Spain . . . Dd 26
Adrianople, Turkey . Cb 28
Adriatic Sea, Europe . Lg 9
Adullam, Palestine . . Be 30
Ægina, Gulf of, Greece . Bc 28
Afar, District, Egypt . Cc 36
Agades, Africa . . Cd 35
Agen, France . . . Dd 21
Aghris Head, Ireland . Ac 20
Agoomska Isle, Canada . Ba 42
Agra, India . . . Cc 32
Agran, Hungary . . Dd 25
Aguadilla, West Indies . Cb 49
Aguas Calientes, Mexico Bb 48
Aguilas, Spain . . . Ed 26
Agulhas Bank, S. Africa Bc 38
Agulhas, Cape, S. Africa Ac 38

Ahipara, New Zealand . Da 54
Ahmedabad, India . . Bd 32
Ahuja, Point, Peru . . Ab 51
Ailsa Craig, Scotland . Ce 17
Ain, Department, France Fc 21
Ain Meherig, Egypt . Bb 36
Ainsworth, Washington . Ba 47
Airdrie, Scotland . . Cb 17
Aire, River, England . Cb 13
Aisne, Department, France Eb 21
Aisne, River, France . Eb 21
Aix, France . . . Fe 21
Aix-la-Chapelle, Germany Bc 22
Ajaccio, Corsica . . Hf 21
Ajan, District, Africa . Ge 35
Ajawar, District, Africa . Dc 37
Ajmere, India . . . Bc 32
Akabah, Arabia . . Bb 36
Akabah Gulf, Egypt . Bb 36
Akanyara, Lake, Africa . Db 37
Akaroa Harbour, N.Z. . Db 54
Akassa, West Africa . Aa 37
Akita, Japan . . . Fb 34
Akum, Africa, Niger Dist. Aa 37
Akyab, British Burma . Ab 33
Alabama River, Alabama Bd 45
Alabama State, U.S. . Hd 44
Alagoas, Brazil . . Fb 51
Alamos, Mexico . . Bb 48
Aland Islands, Sweden . Dc 23
Alantika, Mt., Cent. Africa Ba 37
Alaska, North America . Ba 40
Alaska Peninsula, Alaska Bb 40
Albacete, Spain . . Ec 26
Albania, District, Turkey Bb 28
Albany, New York . . Eb 45
Albany, W. Australia . Ac 53
Albany, Fort, Ontario . Aa 42
Albany Isle, Australia . Da 53
Albany Lake, Manitoba . Jc 43
Albany River, Ontario . Aa 42
Albemarle Sd., N. Carolina Dc 45
Albert Nyanza, L., Africa Da 37
Albert River, Australia . Ca 53
Alberta, Prov., Canada . Fc 41
Alberton, Australia . Dc 53
Albuquerque, New Mexico Dc 47
Albuquerque, Spain . Bc 26
Albury, New S. Wales . Dc 53
Alby, France . . . Ee 21
Alcaniz, Spain . . . Eb 26
Alcantara, Brazil . . Eb 51
Alcazar, Spain . . . Dc 26
Alcoy, Spain . . . Ec 26
Alder, Ben, Scotland . Ba 17
Alderney, I., Channel Is. Bd 13
Ale Water, Scotland . Db 17
Alegre, Porto, Brazil . Dd 51
Alegre, Porto, Brazil . Fc 51
Alemtejo, Prov., Portugal Bc 26
Alençon, France . . Db 21
Alessandria, Italy . . Ba 27
Aleutian Is., Pacific Ocean Uc 29
Alexander, Fort, Manitoba Hc 43
Alexandria, Egypt . . Aa 36
Alexandria, United States Gd 44
Alexandrina, L., S. Austral. Cc 53
Alford, England . . Ea 14
Alfred, Port, Africa . Bc 38
Alfreton, England . . Ca 14
Algarve, Prov., Portugal Ad 26
Algeria, Country, Africa Cb 35
Algiers, Algeria . . Cb 35
Algoa Bay, Cape Colony . Bc 38
Alicante, Spain . . Ec 26
Alijos Isle, Mexico . . Ab 48
Aliwal North, Africa . Bc 38
All Saints Bay, Brazil . Fc 51
Allahabad, India . . Dc 32
Allan, River, Scotland . Ca 17
Alleghany City, Penn. . Cb 45
Alleghany Mts., Virginia Cc 45
Allen, Lough, Ireland . Cb 19
Aller, River, Germany . Cb 22
Allier, Dep., France . Ec 21
Allier, River, France . Ec 21
Alloa, Scotland . . Ca 17
Almaden, Spain . . Cc 26
Almansa, Spain . . Ec 26
Almeida, Portugal . . Bb 26
Almeria, Spain . . Dd 26
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Almond River, Scotland Cb 17
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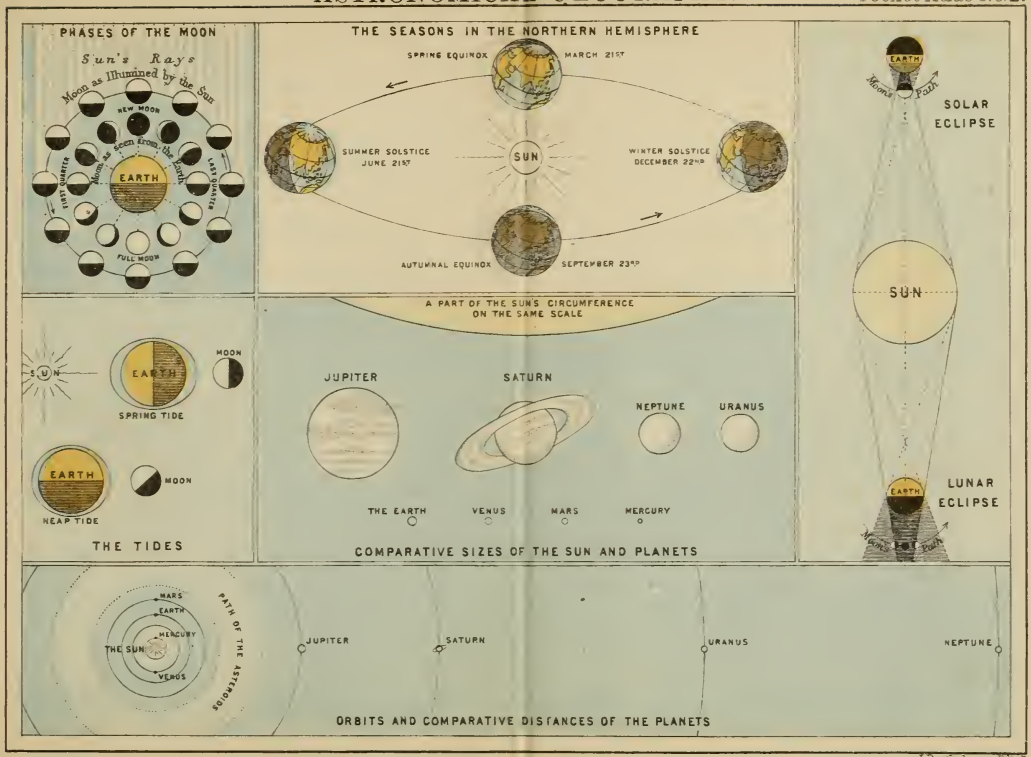
Zante, Island, Greece . Bc 28
Zanzibar, Island, Africa Db 37
Zanzibar Coast, E. Africa Eb 37
Zara, Austria . . . Dd 25
Zarafshan, R., Turkestan Fb 31
Zarang, Persia . . Cc 31
Zarephath, Palestine . Bb 30
Zatas, River, Portugal . Ac 26
Zavora, Point, S. Africa . Cb 38
Zealand, Island, Denmark Bd 23
Zebulon, Palestine . . Bc 30
Zeng, Hungary . . Dd 25
Zeyla, East Africa . . Cc 36
Ziklag, Palestine . . Af 30
Zimbaoe, South Africa . Cb 38
Zittau, Germany . . Fc 22
Zoar, Palestine . . Cf 30
Zombor, Hungary . Fd 25
Zorah, Palestine . . Be 30
Zuga, River, South Africa Bb 38
Zulficar, Persia . . Eb 31
Zumbo, Central Africa . Dc 37
Zungomero, Central Africa Db 37
Zurich, Switzerland . Hc 21
Zurich, Lake, Switzerland Hc 21
Zuyder Zee, Holland . Ab 22
Zwickau, Germany . Ec 22

North Pole Star
Southern Cross
The Plough
Comet
Pacific Ocean
Atlantic Ocean
Indian Ocean
Arctic Ocean
Asia
Europe
Africa
North America
South America
OCEANIA
Everest
Dapsang
Dhawalagiri
Kuen Lun
Tenari Khan
Kenia
Kilimanjaro
Ararat
Elburz
Mt Blanc
Fusi Yama
Tenerife
Mulhacen
Etna
St Bernard
Lebanon
Balkans
Dargeling
W. Ghauts
Atlas
Rhone
Rhine
Danube
Ben Nevis
Snowdon
Table Mountain
Great Pyramid
Sea Level
Sea Level
Aconcagua
Sahama
Sorata
Tolima
Popocatepetl
Orizaba
Mt Brown
Mt Whitney
Mt Erebus
Mt Baker
Half Dome Yosemite
Mt Darwin
Catskill Mt
Mexico
Rocky
Rosseau
Rosenlaw
Tombord
Mt Humboldt
Yosemite Falls
Niagara Falls
Mt Stanley
Mt Cook
Potosi
Cuzco
L. Titicaca
Niagara
Montreal
New York Suspension Bridge
Quebec
St Paul's Cath.
Arthur's Seat

FRONTISPIECE.



J. Bartholomew Edinr

MAP 2

ASTRONOMICAL GEOGRAPHY.

THE WORLD (OROGRAPHICAL)

SECTION SHOWING COMPARATIVE HEIGHT OF CONTINENTS AND DEPTH OF OCEANS

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MAP 3

THE WORLD (Orographical).

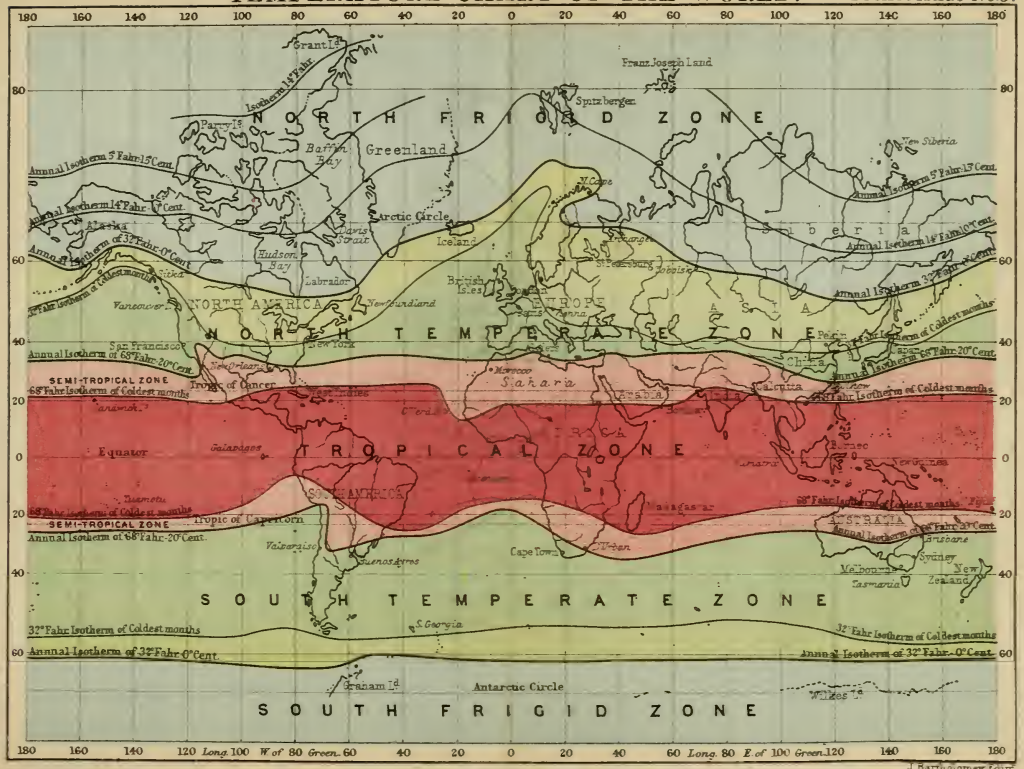
OCEAN CURRENTS, &c.

MAP 4

Ocean Currents, &c.

TEMPERATURE CHART OF THE WORLD.

Pocket Atlas No. 5.



J. Bartholomew Edinr.

TEMPERATURE CHART OF THE WORLD.

The World rotates from West to East →

TIME CHART OF THE WORLD.

J. Bartholomew, Edin.

Each Meridian drawn on the Map represents 15° of Longitude or one hour in Time

TIME CHART OF THE WORLD.

THE BRITISH EMPIRE.

J. Bartholomew, Edinr.

THE BRITISH EMPIRE.

NORTH POLAR REGIONS.

MAP 8

NORTH POLAR REGIONS.

EUROPE.

ARCTIC OCEAN
ATLANTIC OCEAN
Iceland
Lapland
Scandinavia
Sweden
Norway
Finland
British Isles
Scotland
Ireland
England
London
NORTH SEA
Denmark
BALTIC SEA
Russia
Moscow
St Petersburg
Prussia
Berlin
Germany
Poland
France
Paris
Bay of Biscay
Spain
Portugal
Madrid
Lisbon
Italy
Rome
Naples
Austro-Hungary
Vienna
Roumania
Servia
Bosnia
Turkey
Constantinople
Greece
Athens
BLACK SEA
CASPIAN SEA
Aral Sea
Caucasus Mts
Ural Mounts
Siberia
ASIA
Asia Minor
Persia
Persian Gulf
MEDITERRANEAN SEA
Morocco
Algeria
AFRICA
Algiers
Tunis
Cyprus
Candia
Jerusalem
English Miles
J. Bartholomew Edin

EUROPE.

CENTRAL EUROPE. (OROGRAPHICAL)

J. Bartholomew Ed.n

MAP 10

CENTRAL EUROPE Orographical.

BRITISH ISLES (OROGRAPHICAL) Pocket Atlas No. 11.

BRITISH ISLES.

BRITISH ISLES (RAILWAYS). Pocket Atlas No 12.

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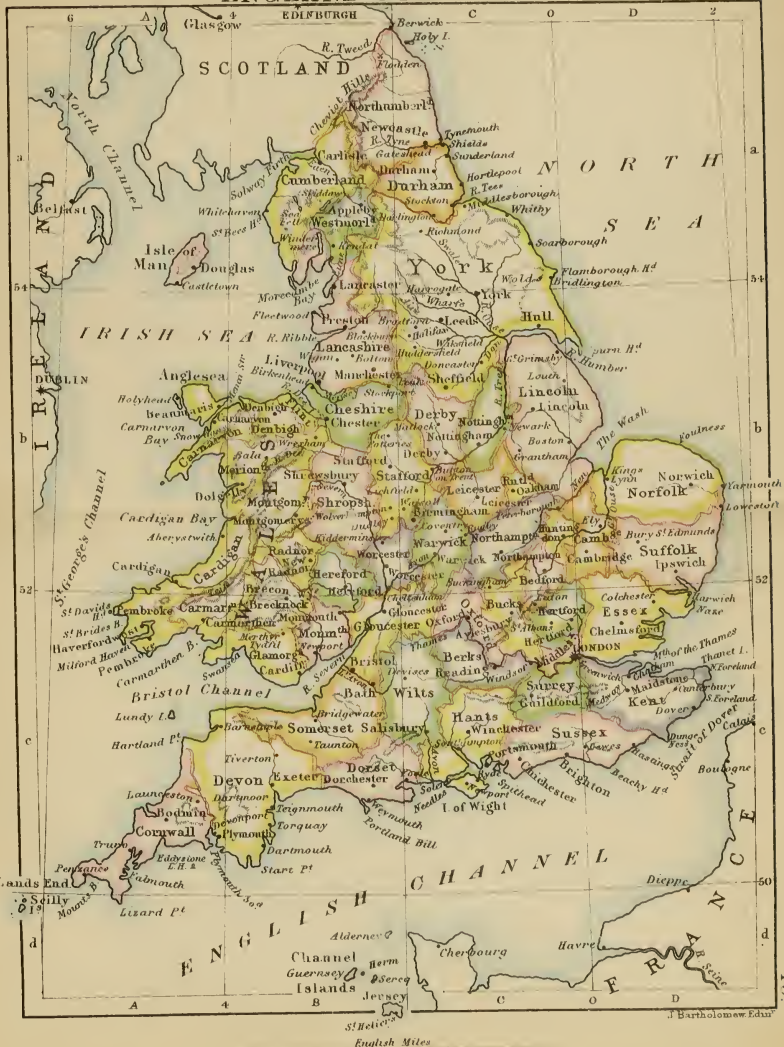
English Miles
0 50 100 150 200 250

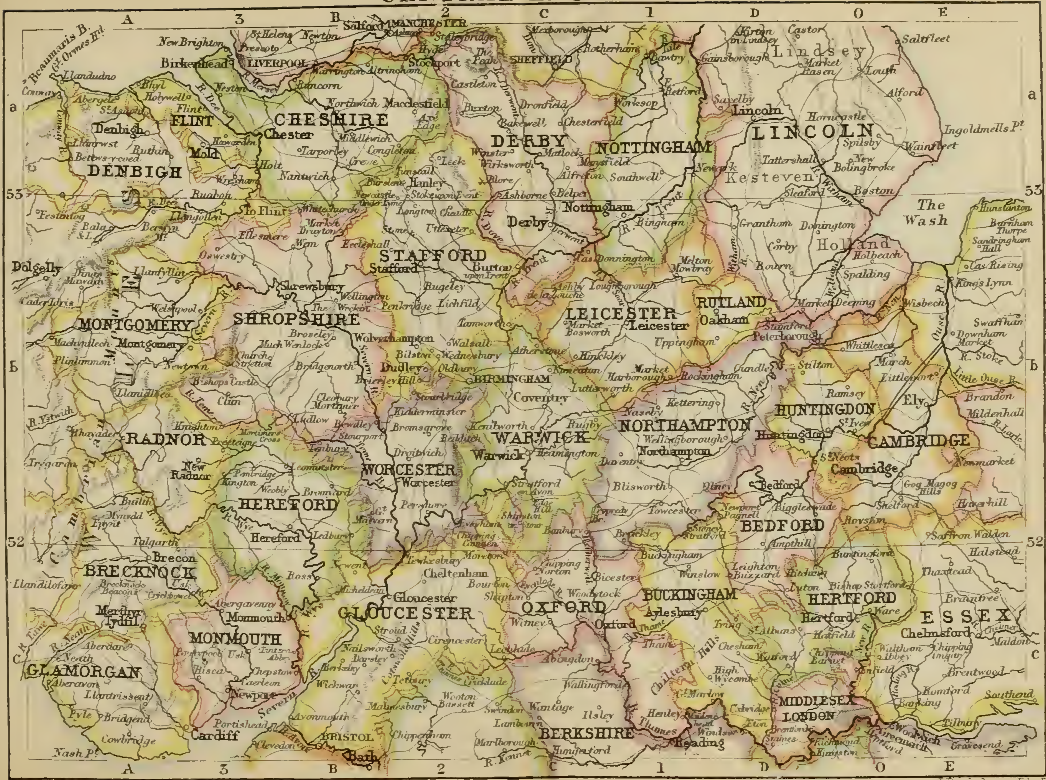
BRITISH ISLES (Railways).

ENGLAND AND WALES. Pocket Atlas No. 13.



ENGLAND & WALES.

CENTRAL ENGLAND.



English Miles

10 0 10 20 30 40 50 60

J. Bartholomew, Edin^r

CENTRAL ENGLAND.

ENVIRONS OF LONDON.

ENVIRONS OF LONDON.

SCOTLAND.

ATLANTIC OCEAN
NORTH SEA
IRISH SEA
North Channel
The Minch
Little Minch
Hebrides
Shetland Isles on same Scale
Orkney Isles
Pomona
Pentland Firth
Moray Firth
Dornoch Firth
Firth of Forth
Firth of Tay
Firth of Clyde
Solway Firth
Grampian Mountains
Cheviot Hills
Sutherland
Caithness
Ross
Inverness
Nairn
Elgin
Banff
Aberdeen
Kincardine
Forfar
Perth
Fife
Argyll
Stirling
Dumbarton
Linlithgow
Edinburgh
Haddington
Berwick
Lanark
Peebles
Selkirk
Roxburgh
Renfrew
Ayr
Dumfries
Kirkcudbright
Wigtown
Lewis
Harris
Skye
Mull
Islay
Jura
Arran
Bute
Cantyre
IRELAND
ENGLAND
Belfast
Londonderry
Carlisle
Glasgow
Inverness
Wick
Thurso
Kirkwall
Dundee
Montrose
Arbroath
Stonehaven
Peterhead
Fraserburgh
Oban
Campbelton
Stranraer
Ben Nevis
Ben Macdhui
Caledonian Canal
Loch Ness
R. Tay
R. Spey
R. Dee
R. Clyde
R. Tweed
C. Wrath
Butt of Lewis
Mull of Galloway
Mull of Cantyre
Malin Hd
Yell
Unst
Fetlar
Mainland
Lerwick
Sumburgh Hd
J. Bartholomew Edin.
0 10 20 30 40 50 100 Miles

SCOTLAND.

CENTRAL SCOTLAND.

CENTRAL SCOTLAND.

GLASGOW.

EDINBURGH.

0 1/4 1/2 3/4 1 2 3 4 Miles

J. Bartholomew, Edinr.

ENVIRONS OF GLASGOW AND EDINBURGH.

IRELAND.

SCOTLAND
North Channel
IRISH SEA
St. George's Channel
ATLANTIC OCEAN
ULSTER
CONNAUGHT
LEINSTER
MUNSTER
Donegal
Londonderry
Antrim
Tyrone
Fermanagh
Armagh
Down
Monaghan
Cavan
Sligo
Mayo
Roscommon
Galway
Leitrim
Longford
West Meath
Meath
Louth
Dublin
Kildare
Kings County
Queens County
Wicklow
Carlow
Kilkenny
Wexford
Clare
Limerick
Tipperary
Waterford
Kerry
Cork
Belfast
Lifford
Mullingar
Trim
Tullamore
Maryborough
Ennis
Tralee
Castlebar
Malin Hd.
Tory I.
Bloody Foreland
Aran I.
Donegal Bay
Sligo Bay
Achil I.
Clew B.
Connemara
Galway B.
Arran Is.
Dingle Bay
Valentia I.
Bantry Bay
Mizen Hd.
Cape Clear
Clear I.
Kinsale & Harb.
Cork Harbour
Youghal B.
Waterford Harb.
Wexford Haven
Carnsore Pt.
Dublin Bay
Bray Hd.
Dundalk B.
Dundrum B.
Belfast L.
Rathlin I.
Fair Hd.
Mull of Cantyre
St. Davids Hd.
English Miles
50
100
150
J. Bartholomew, Edinr.

IRELAND.

ENVIRONS OF DUBLIN.

ENVIRONS OF DUBLIN.

FRANCE.

ENGLAND
BELGIUM
GERMANY
SWITZERLAND
ITALY
SPAIN
ENGLISH CHANNEL
ATLANTIC OCEAN
BAY OF BISCAY
MEDITERRANEAN SEA
Gulf of Lions
Corsica
Southampton
I. of Wight
Lands End
Channel Is.
Cherbury
Alderney
Guernsey
Jersey
Ushant I.
Pt. St. Matthieu
St. Brieuc
Cotes du Nord
Quimper
Morbihan
L'Orient
Belle I.
St. Nazaire
I. Noirmoutier
I. Dieu
I. de Re
I. d'Oleron
R. Gironde
Basin d'Arcachon
Bordeaux
Bayonne
S. Sebastian
Bilbao
Santander
Gijon
R. Ebro
Pau
Tarbes
Pyrenees
Mt. Perdu
Andorra
Mt. Maladetta
Perpignan
Port Vendres
C. Creux
Pyrenees Orientales
Carcassonne
Aude
Ariege
Foix
Toulouse
Auch
Gers
Landes
Tarn
Albi
Montauban
Lot
Cahors
Aveyron
Rodez
Lozere
Mende
Gard
Nimes
Avignon
Vaucluse
Herault
Beziers
Montpellier
Aix
Marseille
Toulon
Var
Draguignan
Basses Alpes
Digne
Hte. Alpes
Gap
Drome
Valence
Ardeche
Privas
Isere
Grenoble
Savoie
Chambery
Ain
Bourg
Jura
Lons
Saône et Loire
Macon
Allier
Moulins
Cher
Bourges
Nièvre
Nevers
Indre
Vienne
Poitiers
Deux Sèvres
Niort
Vendée
La Rochelle
Rochefort
Charente Inf.
Charente
Angoulême
Haute Vienne
Limoges
Creuse
Gueret
Corrèze
Tulle
Dordogne
Périgueux
Cantal
Aurillac
Haute Loire
Le Puy
Puy de Dôme
Clermont
Lyons
St. Etienne
Loire
Haute Saône
Vesoul
Côte d'Or
Dijon
Doubs
Besançon
Haute Marne
Chaumont
Vosges
Epinal
Aube
Troyes
Yonne
Auxerre
Loiret
Orleans
Loir et Cher
Blois
Indre et Loire
Tours
Maine et Loire
Angers
Loire Infre.
Nantes
Sarthe
Le Mans
Mayenne
Laval
Ille et Vilaine
Rennes
Calvados
Caen
Orne
Alençon
Eure
Evreux
Seine Infre.
Rouen
Havre
Somme
Amiens
Aisne
Laon
Oise
Beauvais
Seine et Oise
Versailles
Seine et Marne
Melun
Marne
Chalons
Reims
Ardennes
Mezieres
Sedan
Meuse
Bar le Duc
Meurthe
Nancy
Vosges
Epinal
Moselle
Metz
Lorraine
Luxembourg
Calais
Boulogne
Dunkirk
Lille
Pas de Calais
Arras
Valenciennes
Brussels
Liege
Coblentz
Frankfort
Stuttgart
Strasbourg
Schaffhausen
Constance
L. of Constance
Basle
Berne
Lucerne
Zurich
Chur
Milan
L. Como
Genoa
Turin
Leghorn
Gorgona
Capraia
Corso
Elba
Bastia
Corte
Ajaccio
Bonifacio
St. Bartholomew
English Miles

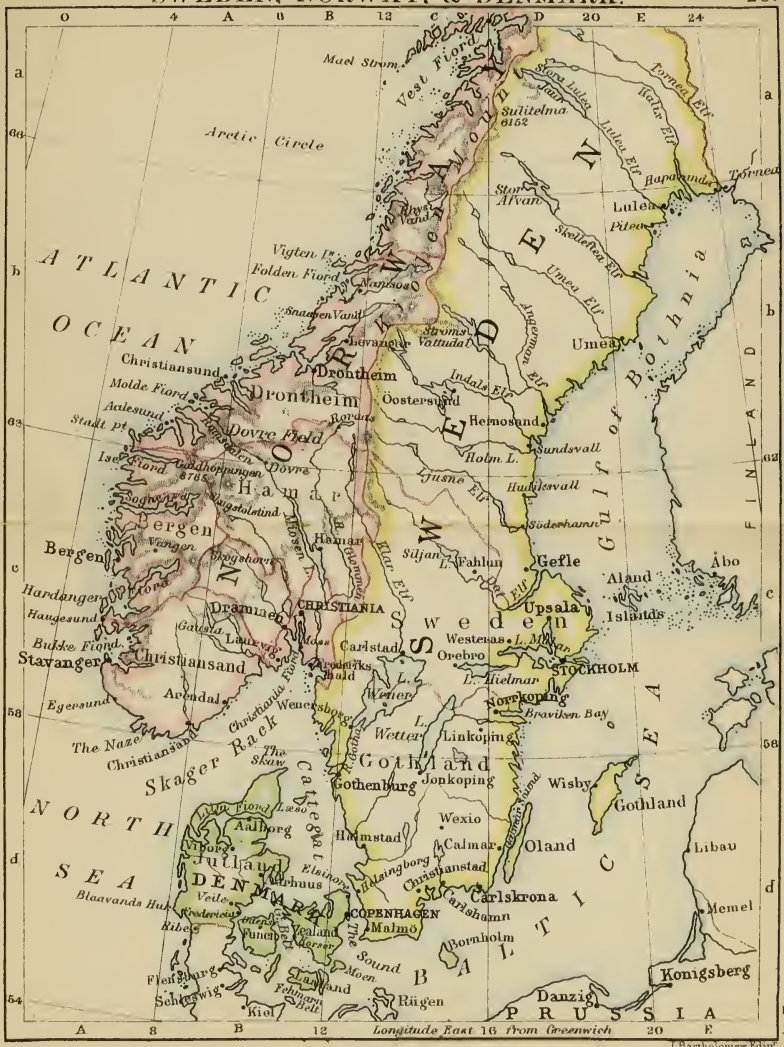
FRANCE.

GERMANY.

DENMARK
SWEDEN
BALTIC SEA
NORTH SEA
Memel
Funen
Zealand
COPENHAGEN
Bornholm
North Friesian Is
Schleswig Holstein
Heligoland
Kiel
Lubeck
Hamburg
Schwerin
MECKLENBURG
Rügen I.
Königsberg
Gumbinnen
Danzig
East Prussia
West Prussia
Pomerania
Stettin
Cöslin
Stolpe
Graudenz
Thorn
Bromberg
East Friesian Is
Emden
Groningen
Oldenburg
Bremen
Hanover
HOLLAND
AMSTERDAM
Münster
Westphalia
Brunswick
Magdeburg
Brandenburg
BERLIN
Potsdam
Frankfurt
R. Oder
Posen
Warsaw
RUSSIA
R. Vistula
R. Bug
Antwerp
BRUSSELS
Liege
BELGIUM
Dusseldorf
Cologne
Aix la Chapelle
Rhenish Prussia
Coblenz
Cassel
Nassau
Halle
Leipzig
SAXONY
Dresden
Chemnitz
Thuringia
Silesia
Breslau
Oppeln
Cracow
Galicia
Frankfort
Luxemburg
Mayence
Darmstadt
Palatinate
Mannheim
Metz
Lorraine
Nancy
Strasburg
Alsace
Carlsruhe
Stuttgart
Würtemberg
Baden
Ulm
Augsburg
Munich
BAVARIA
Nuremberg
Ratisbon or Regensburg
Passau
Bohemia
Prague
Moravia
Brünn
AUSTRIA
Austria
VIENNA
R. Danube
Pesth
Salzburg
Tyrol
Alps
FRANCE
SWITZERLAND
Basle
Constance & Lake
English Miles
0
50
100
200
300
400
J. Bartholomew Edinr

MAP 22

GERMANY.


Mael Strom
Vest Fiord
Arctic Circle
Sulitelma 6152
Torneå Elv
Kalix Elv
Lulea Elv
Torneå
Rapasandr
Lulea
Piteå
Stor Alvan
Skellefteå Elv
Umeå Elv
Umeå
Gulf of Bothnia
FINLAND
Vigten I.
Folden Fiord
Namsos
Snaasen Vand
Strom Vattuda
Levanger
Drontheim
Christiansund
Molde Fiord
Aalesund
Stadt pt
Dovre Field
Dovre
Rorda
Oostersund
Indals Elv
Hernosand
Sundsvall
Holm L.
Ljusne Elv
Hudiksvall
Isefiord
Gudbrandsdalen
Hamar
Sogne Fiord
Sogdalstind
Bergen
Voringen
Skogshorn
Hamar
Mjosen L.
Glomma
Klar Elv
Siljan
L. Fahlun
Gefle
Söderhamn
Åbo
Aland Islands
Hardanger Fiord
Haugesund
Drammen
CHRISTIANIA
Upsala
Sweden
Westeras
L. Mälaren
Orebro
Bukke Fiord
Stavanger
Christiansand
Gausta
Laurvig
Moss
Carlstad
Frederiks Hald
L. Wener
L. Hielmar
STOCKHOLM
Norrkoping
Bravikens Bay
Egersund
Avendal
Christiania Fiord
Wenersborg
Wetter
Linkoping
The Naze
Christiansand
The Skaw
Skager Rack
Kattegat
Gothland
Gothenburg
Jonkoping
Wisby
Gothland
NORTH SEA
Ringkjöbing Fiord
Læsø
Aalborg
Hjörring
Wexio
Calmar
Oland
Libau
Viborg
Jutland
Hadersleben
Elsinore
Helsingborg
Christianstad
Carlskrona
Carlshamn
Blaavands Huk
Veile
Ribe
Kjöge
Funen
Zealand
COPENHAGEN
Malmo
Bornholm
Memel
Flensburg
Schleswig
Kiel
Moen
Falster
Rügen
Danzig
Konigsberg
PRUSSIA
BALTIC SEA
Longitude East 16 from Greenwich
English Miles
0 50 100 150 200
J. Bartholomew Edin.

SWEDEN, NORWAY, & DENMARK.

RUSSIA IN EUROPE.

Pocket Atlas No. 24.

J. Bartholomew, Edinr

RUSSIA IN EUROPE.

AUSTRIA-HUNGARY.

MAP 25

AUSTRIA-HUNGARY.

SPAIN AND PORTUGAL.

SPAIN & PORTUGAL.

ITALY.

English Miles
0 60 100 150 200

Bartholomew Edin.

ITALY.

AUSTRIA-HUNGARY
RUSSIA
Buda
PESTH
Danube
Szegedin
Maria-Theresiopel
Agram
R. Drave
R. Theiss
Arad
R. Maros
Temesvar
Klausenburg
Moldavia
Jassy
Kishenev
R. Pruth
R. Sereth
Galatz
Kilia
Braila
Brahilova
Kronstadt
Tekshany
Bousshany
Carpathian Mts
Transylvanian Alps
ROUMANIA
Ploesti
Pitesti
Wallachia
BUKAREST
Giurgevo
Rustchuk
Silistria
Kustendje
Mangalia
Dobrudja
BLACK SEA
River Save
Novi
Banialuka
BOSNIA
BELGRADE
Semlin
Iron Gate
Turnu Severin
Krajova
Alut
Danube
Tronik
Svornik
Kragushevatz
Pashereuatz
Morava
Widdin
Seraievo
Mostar
HERZEGOVINA
SERVIA
Krushevatz
Nash
Vratza
Pirot
Lovtcha
Plevna
Schumla
BULGARIA
Varna
Novibazar
MONTENEGRO
Cetigne
Ragusa
Cattaro
Antivari
Podgoritza
Fetch
Mitrovitza
Vranja
Sophia
Balkan Mts
TIRNOVA
Shipka
Eastern Roumelia
Burghas
ADRIATIC SEA
Dulcigno
R. Boyana
Skutari
Dibra
Durazzo
Skopia
Dubnitza
Rhodope Mts
Philippopolis
Kirk Kilisseh
Adrianople
Bosphorus
Bari
Brindisi
Taranto
ITALY
Gulf of Taranto
Otranto
C. Ste Maria di Leuca
Corfu
Ionian Islands
Strait of Otranto
ALBANIA
TURKEY
Roumelia
Bitolia
Vardar
Serres
Karaslu
Mesta
CONSTANTINOPLE
Scutari
Rodosto
Sea of Marmora
Thasos
Gallipoli
Broussa
Avlona
Goritza
Vera
Salonika
Olympus
Gulf of Salonika
Mt. Athos
Janina
Larissa
Thessaly
Volo
Sporades
Limnos
Dardanelles
Besika B.
Arta
Pindus
Calamata
Santa Maura
Cephalonia
Parnassus
Gulf of Lepanto
ATHENS
GREECE
Euboea
Mitylene
Chios
Smyrna
ASIA MINOR
Samos
Andros
Patras
Corinth
Zante
Pylos
Morea
Sparta
Gulf of Argos
Gulf of Nauplia
Kalamata
Navarino
Archipelago
Cyclades
Syra
Milo
Santorini
Rhodes
C. Malea
Cerigo
C. Matapan
MEDITERRANEAN SEA
Canea
Retimo
Candia
Sideri
Karpathos
Crete or Candia
Gaudo
English Miles
0 50 100 150 200
J. Bartholomew, Edinr.

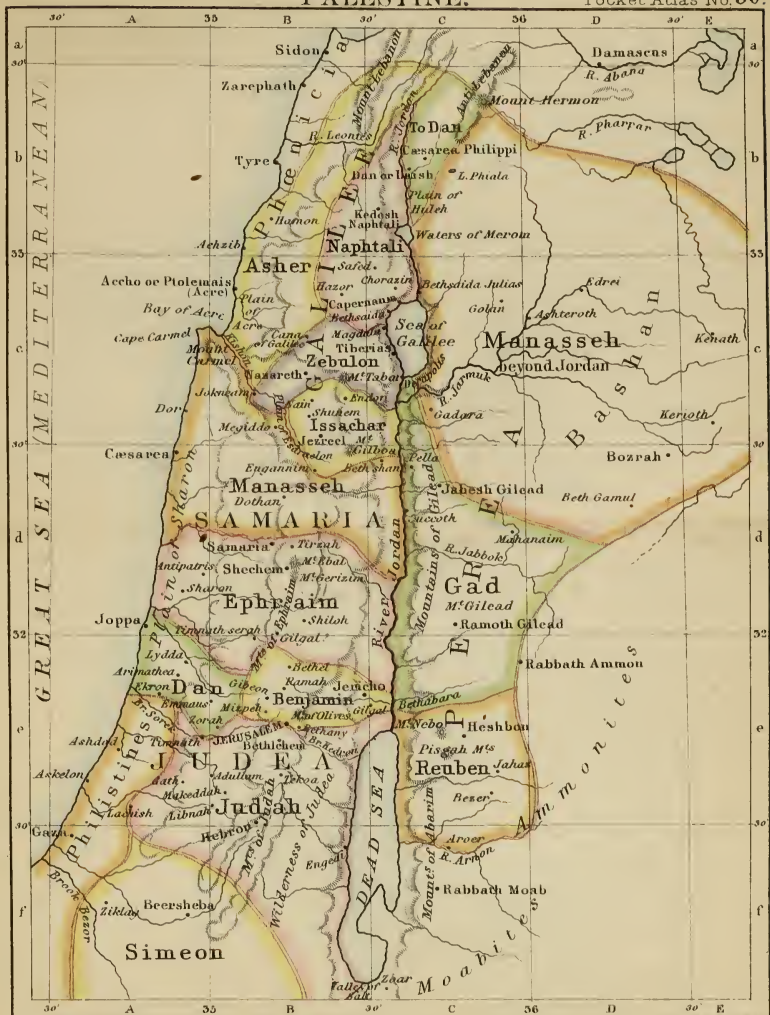
BALKAN PENINSULA.

ASIA.

ARCTIC OCEAN
British Isles
London
Paris
Nova Zembla
North East C.
Liakov Is.
Behring Str.
Behring Sea
Aleutian Is.
Petropaulovski
C. Lopatka
Kurile Is.
Sea of Okhotsk
Okhotsk
Saghalien I.
Stanovoi Range
Kamchatka
Siberia
Yakutsk
Arctic Circle
R. Lena
R. Yenisei
R. Obi
Gulf of Obi
Ural Mts.
St. Petersburg
Moscow
EUROPE
Russian Empire
Tobolsk
Yeniseisk
Tomsk
Irkutsk
Lake Baikal
Kiakhta
Yablonoi Mts.
Nikolaevsk
R. Amur
Ekaterinburg
Orenburg
R. Volga
Ural R.
Omsk
R. Irtish
Barnaul
Semipolatinsk
R. Danube
Constantinople
Dardanelles
Black Sea
Caucasus Mts.
Smyrna
Turkey in Asia
Cyprus
Damascus
Alexandria
Mediterranean Sea
Egypt
Jerusalem
Suez
Mt. Sinai
Caspian Sea
Sea of Aral
Khiva
Kirghiz
L. Balkash
Kokan
W. Turkestan
Bokhara
Thian-shan Mts.
Kashgar
E. Turkestan
Yarkand
Kuen-lun Mts.
Mongolia
Uliasutai
Urga
Kosgol L.
Maimatchin
Tsitsikhar
Manchooria
Kirin Oula
Desert of Gobi or Shamo
Chinese Empire
Great Wall
Pekin
Corea
Yellow Sea
Nagasaki
Shanghae
Chusan I.
Hoang Ho
Nankin
Hankow
Si-ngan
Tibet
Lassa
Mt. Everest
Himalaya Mts.
Nepal
China
Ning-po
Foo-choo-foo
Amoy
Canton
Hong-kong
Formosa
Formosa Str.
Yesso
Hakodadi
Sea of Japan
Japan Islands
Niphon
Tokio
Yokohama
Osaka
Sikok
Kiusiu
Bonin Is.
Loo-choo Is.
Madjico-sima Is.
Tropic of Cancer
Marianne Is.
PACIFIC OCEAN
Teheran
Ispahan
Persia
Shiraz
Herat
Hindoo Koosh
Kabul
Afghanistan
Candahar
Kelat
Beloochistan
Punjab
Lahore
Cashmere
Karakorum
Delhi
Agra
Cawnpore
Allahabad
Benares
Lucknow
Moorshedabad
Dacca
Assam
India
Calcutta
Surat
Bombay
Hyderabad
Goa
W. Ghauts
Calicut
Madras
C. Comorin
Palks Strait
Ceylon
Colombo
Pt. de Galle
Bay of Bengal
Andaman Is.
Nicobar Is.
Bagdad
Basra
Persian G.
G. of Ormuz
Muscat
Oman
Ras-al Had
Kurrachee
Kuria Muria Is.
Arabia
Nejed
Medina
Jiddah
Mecca
Red Sea
Yemen
Mocha
Aden
Str. of Bab el Mandeb
Khartoum
R. Nile
Abyssinia
AFRICA
L. Victoria Nyanza
Zanzibar
Equator
Arabian Sea
Laccadive Is.
Maldive Is.
Amirante Is.
Seychelles
Chagos Is.
INDIAN OCEAN
Burmah
Mandalay
Ava
Further India
Rangoon
Siam
Bankok
G. of Siam
Tonquin
G. of Tonquin
Hainan
Anam
Cochin China
Saigon
Cambodia
Malay Peninsula
Penang
Malacca
Malacca Str.
Singapore
Sumatra
Acheen
Bencoolen
Java
Batavia
Timor
Borneo
Sarawak
Labuan
Sabah
Celebes
East Indian Archipelago
Luzon
Manilla
Philippine Islands
Mindanao
China Sea
Caroline Is.
Molucca Is.
Papua or New Guinea
C. York
AUSTRALIA
English Miles
0
500
1000
2000
3000
J. Bartholomew Edin.

ASIA.

PALESTINE.



J. Bartholomew, Edin.

PALESTINE.

PERSIA, AFGHANISTAN, &c.

PERSIA, AFGHANISTAN, &c.

Hindoo Koosh
Kafiristan
Balkh
Kabul
Peshawar
Rawal Pindi
Cashmere
Srinagar
Leh
Ladakh
AFGHANISTAN
Kandahar
Lahore
Amritsar
Punjab
Quetta
Multan
Bahawalpoor
Sukkur
Hyderabad
Karachi
Kurrachee
Mouths of the Indus
BELOOCHISTAN
Scinde
Jeypoor
Jessulmere
Rajpootana
Ajmere
Bikanere
Jodpoor
Kotah
Indore
Bhopal
Ahmedabad
Cambay
Baroda
Surat
Daman
Diu I.
G. of Cambay
Kutch
G. of Cutch
Gujerat
Bombay
Poonah
Satara
Ratnagiri
Kolapoor
Panjim
Goa
Carwar
Honore
Mangalore
Laccadive Islands
Cannanore
Calicut
Cochin
Trivandrum
C. Comorin
Maldive Is.
Colombo
Point de Gal
Tibet
Lhasa
Tengri Nor
Dhawalagiri
Brahmapootra
Himalaya
Chimalaya
NEPAL
Khatmandoo
Patna
BHUTAN
Assam
Gauhati
Calcutta
Mouths of the Ganges
Dacca
Moorshedabad
Cossimbazar
Burdwan
Chandernagore
Serampore
Chittagong
Arakan
Ava
Burmah
Pegu
Rangoon
Martaban
Tenasserim
Mergui
Tavoy
Bay of Bengal
Cape Negrais
Andaman Is.
Nicobar Is.
Ceylon
Kandy
Adams Peak
Trincomalee
Point de Gal
Madras
Pondicherry
Masulipatam
Vizagapatam
Ganjam
Juggernaut
Cuttack
Pooree
Calcutta
Chota Nagpore
Central Provinces
Nagpore
Berar
Hyderabad
Mysore
Bangalore
Seringapatam
Coorg
Malabar
Cochin
Madura
Tinnevelly
Trichinopoly
Tanjore
Carnical
Salem
Coimbatore
Nilgiri Hills
Cuddapah
Nellore
Guntoor
Kurnool
Bellary
Raichoor
Sholapoor
Beejapoor
Aurungabad
Jubbulpoor
Saugor
Gwalior
Indore
Bhopal
Ujjain
Mandlah
Sambulpore
Sonepore
Raipoor
Nagpore
Jeypoor
Sirgoojah
Ramgurh
Chota Nagpore
Bhagulpore
Patna
Benares
Allahabad
Lucknow
Oude
Agra
Delhi
Meerut
Umballa
Lahore
Multan
Peshawar
Rawal Pindi
Srinagar
Leh
Ladakh
Kandahar
Quetta
Hurdwar
Simla
Nanda Devi
Sirhind
Ferozepoor
Bahawalpoor
Sukkur
Hyderabad
Karachi
Kurrachee
Mouths of the Indus
Arabian Sea
Bay of Bengal
Gulf of Manaar
Gulf of Mandar
Palk Strait
Coromandel Coast
Malabar Coast
Western Ghats
Eastern Ghats
Vindhya Mts.
Suleiman Mts.
Hindoo Koosh
Himalaya
Chimalaya
Brahmapootra
Indus
Ganges
Jumna
Chambul
Sutlej
Chenab
Jhelum
Cutch
Nerbudda
Godavery
Kistnah
Pennar
Cauvery
Tapti
Mahanuddy
Cossimbazar
Burdwan
Chandernagore
Serampore
Calcutta
Chittagong
Arakan
Ava
Burmah
Pegu
Rangoon
Martaban
Tenasserim
Mergui
Tavoy
Andaman Is.
Nicobar Is.
Ceylon
Kandy
Adams Peak
Trincomalee
Point de Gal
Madras
Pondicherry
Masulipatam
Vizagapatam
Ganjam
Juggernaut
Cuttack
Pooree
Calcutta
Chota Nagpore
Central Provinces
Nagpore
Berar
Hyderabad
Mysore
Bangalore
Seringapatam
Coorg
Malabar
Cochin
Madura
Tinnevelly
Trichinopoly
Tanjore
Carnical
Salem
Coimbatore
Nilgiri Hills
Cuddapah
Nellore
Guntoor
Kurnool
Bellary
Raichoor
Sholapoor
Beejapoor
Aurungabad
Jubbulpoor
Saugor
Gwalior
Indore
Bhopal
Ujjain
Mandlah
Sambulpore
Sonepore
Raipoor
Nagpore
Jeypoor
Sirgoojah
Ramgurh
Chota Nagpore
Bhagulpore
Patna
Benares
Allahabad
Lucknow
Oude
Agra
Delhi
Meerut
Umballa
Lahore
Multan
Peshawar
Rawal Pindi
Srinagar
Leh
Ladakh
Kandahar
Quetta
Hurdwar
Simla
Nanda Devi
Sirhind
Ferozepoor
Bahawalpoor
Sukkur
Hyderabad
Karachi
Kurrachee
Mouths of the Indus
Arabian Sea
Bay of Bengal
Gulf of Manaar
Gulf of Mandar
Palk Strait
Coromandel Coast
Malabar Coast
Western Ghats
Eastern Ghats
Vindhya Mts.
Suleiman Mts.
Hindoo Koosh
Himalaya
Chimalaya
Brahmapootra
Indus
Ganges
Jumna
Chambul
Sutlej
Chenab
Jhelum
Cutch
Nerbudda
Godavery
Kistnah
Pennar
Cauvery
Tapti
Mahanuddy
English Miles
0 100 200 300 400 500 1000
J. Bartholomew, Edinr.

INDIA.

FARTHER INDIA.

J. Bartholomew, Edin.

FARTHER INDIA.

CHINA AND JAPAN.

CHINA AND JAPAN.

AFRICA.

J. Bartholomew, Edin.

AFRICA.

EGYPT & THE NILE BASIN. Pocket Atlas No. 36.

EGYPT & THE NILE BASIN.

CENTRAL AFRICA.

CENTRAL AFRICA.

SOUTH AFRICA.

SOUTH AFRICA.

NORTH ATLANTIC OCEAN.

MAP of

NORTH ATLANTIC OCEAN.

ARCTIC OCEAN
ATLANTIC OCEAN
PACIFIC OCEAN
ASIA
Alaska
Alaska Pen.
Greenland
Iceland
Baffin Bay
Hudson Bay
Dominion of Canada
British Columbia
Vancouver I.
Manitoba
Ontario
Labrador
Newfoundland
Nova Scotia
Halifax
United States
Mexico
Lower California
Texas
Gulf of Mexico
West India Islands
Cuba
Haiti
Jamaica
Caribbean Sea
Yucatan
Belize
Honduras
Nicaragua
Costa Rica
Central America
SOUTH AMERICA
Tropic of Cancer
English Miles
0 500 1000 2000
J. Bartholomew, Edin.

NORTH AMERICA.

DOMINION OF CANADA.

DOMINION OF CANADA.

CANADA (EASTERN PROVINCES)

CANADA (Eastern Provinces).

BRITISH COLUMBIA
ATHABASCA
ALBERTA
SASKATCHEWAN
ASSINIBOIA
MANITOBA
KEWATIN
WASHINGTON
MONTANA
DAKOTA
Great Slave Lake
L. Athabasca
Wollaston or La Hache L.
Rein Deer L.
Island or North Lined L.
Pike L.
Black L.
Ft Fond du Lac
Chipewyan Ft
Ft Resolution
Ft Providence
Ft Liard
Ft Vermillion
Ft McLeod
Dunvegan
Lesser Slave L.
White Fish L.
Wabasca L.
Peace R.
Hay R.
Liard R.
Cassiar
Dease L.
Stachine R.
Ft Mumford
Skeena R.
Port Essington
Gardner Chan.
Cariboo
Quesnelle L.
Fraser R.
Lillooet
Kamloops
Lytton
Yale
Hope
New Westminster
Victoria
Vancouver Isld.
Nootka Sd.
Barclay Sd.
Juan de Fuca Str.
C. Flattery
Olympia
Lewiston
Helena
Milk R.
Missouri R.
Bismarck
Edmonton
Ft Edmonton
Rocky Mn Ho.
Mt Brown
Mt Hooker
Mt Murchison
Yellow Head Pass
Kicking Horse Pass
Vermilion Pass
Kananaski Pass
Kootanie Pass
Calgary
Old Bow Ft
Bow R.
Ft McLeod
Belly R.
Medicine Hat
Ft Walsh
Cypress Hills
Red Deer R.
Battle R.
Battleford
North Saskatchewan
South Saskatchewan
Pr. Albert
Ft Carleton Ho.
Ft a la Corne
Cumberland Ho.
Beaver R.
Athabasca R.
Pembina R.
Chesterfield Ho.
Long L.
Qu'appelle
Regina
Touchwood
Ft Pelly
Livingstone
Broadview
Souris R.
Virden
Brandon
Portage la Prairie
Winnipeg
Selkirk
Emerson
Morris
Pembina
Red R.
Lake Manitoba
Gladstone
Gimli
Winnipegosis Lake
Cedar L.
Play Green L.
Norway Ho.
Nelson R.
Nelson Ho.
Split L.
Hayes R.
Churchill R.
Ft Churchill
C. Churchill
Port Nelson
York Ft
Big or Indian L.
Seal R.
Knaps R.
C. Esquimaux
Gods L.
Severn L.
Family L.
Albany L.
Red L.
Rainy R.
L. of the Woods
La Ronge L.
La Cross L.
Buffalo L.
Ft Cariboo
Beaver L.
Pine Id. L.
English Miles
0 50 100 200 300 400 500
J. Bartholomew, Edin.

CANADA (North-West Provinces).

UNITED STATES.

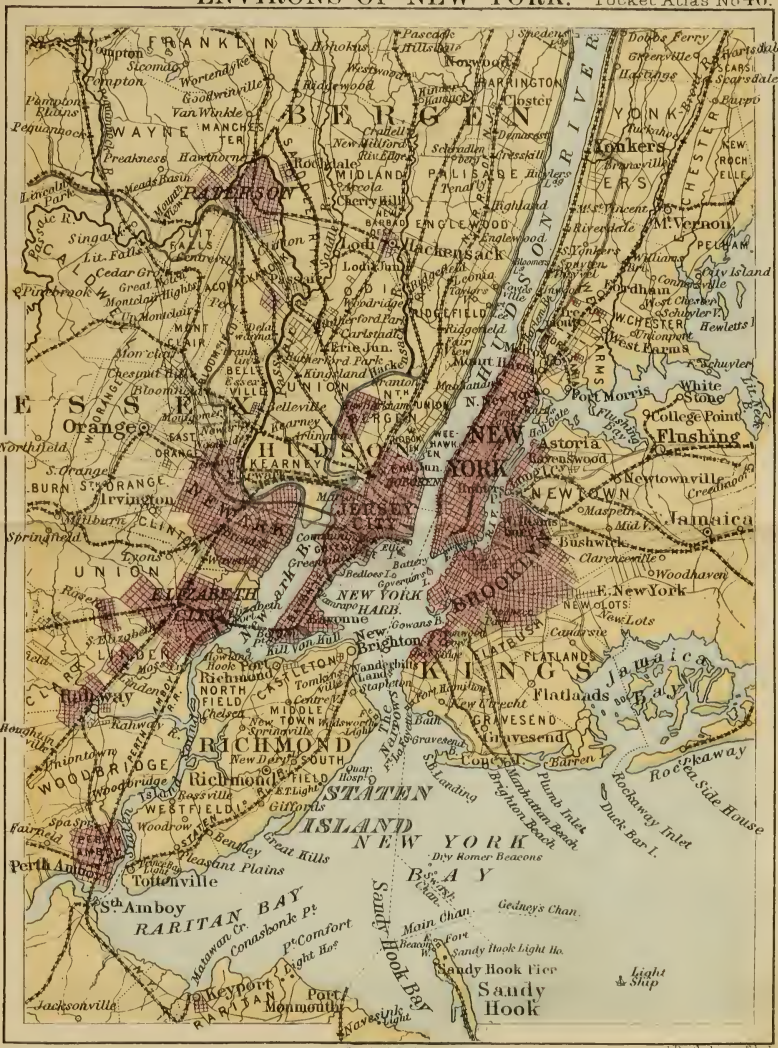
UNITED STATES.

EASTERN STATES.

Pocket Atlas No. 45.

EASTERN STATES.

ENVIRONS OF NEW YORK. Pocket Atlas No 46.



ENVIRONS OF NEW YORK.

BRITISH COLUMBIA
ALBERTA
ASSINIBOIA
Medicine Hat
Port Moody
New Westminster
Victoria
Juan de Fuca Str.
C. Flattery
Pt. Townsend
Puget Sound
Seattle
WASHINGTON
Olympia
Mt. St. Helens
Mt. Baker
Columbia R.
Lewiston
Walla Walla
Portland
Oregon City
Mt. Hood
Salem
Mt. Jefferson
Baker City
OREGON
Roseburg
C. Blanco
Coast Range
Cascade Range
PACIFIC OCEAN
Mt. Shasta
Redding
Sacramento R.
Marysville
Sacramento
Vallejo
Stockton
San Francisco
Oakland
San Jose
Golden Gate
Yosemite Val.
Monterey
CALIFORNIA
Tulare L.
Bakersfield
Pt. Conception
Sta. Barbara
Los Angeles
San Bernardino
Sta. Barbara I.
San Luis Rey
San Diego
National City
Colorado R.
Bitter Root Mts.
Clark's Fork
Flathead L.
Missouri R.
Milk R.
Helena
Gallatin
Bozeman
Yellowstone R.
Little Missouri R.
MONTANA
Virginia City
Idaho City
Boise City
Hailey
Snake R.
Salmon R.
Yellowstone National Park
Yellow Stone L.
Powder R.
Black Hills
WYOMING
Bonneville Peak
N. Fork of Platte R.
Union Pacific Railroad
Cheyenne
Ogden
Great Salt Lake
Salt Lake City
Granger
Humboldt R.
NEVADA
Virginia City
Carson City
Eureka
Candalaria
UTAH
Sevier L.
Frisco
Wasatch Mts.
Green R.
Central City
Denver
Leadville
Pikes Peak
COLORADO
Pueblo
Colorado R.
R. S. Juan R.
Rio Grande R.
Rio Grande
Rio Colorado
Grand Canon
Atlantic & Pacific R.R.
Pt. Wingate
Santa Fe
Albuquerque
NEW MEXICO
Socorro
Prescott
ARIZONA
Rio Gila
Gila R.
Southern Pacific R.R.
Tucson
Deming
El Paso del Norte
Sierra Blanca
Arispe
Hermosillo
MEXICO
British Miles
0 100 200 300 400
J. Bartholomew Edin.

WESTERN STATES.

MEXICO AND CENTRAL AMERICA.

MEXICO AND CENTRAL AMERICA.

WEST INDIES.

J. Bartholomew, Edinr.

West Indies.

SOUTH AMERICA.

SOUTH AMERICA.

CENTRAL SOUTH AMERICA.

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English Miles

0 100 200 300 400 500 1000

CENTRAL SOUTH AMERICA.

OCEANIA

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MAP 50

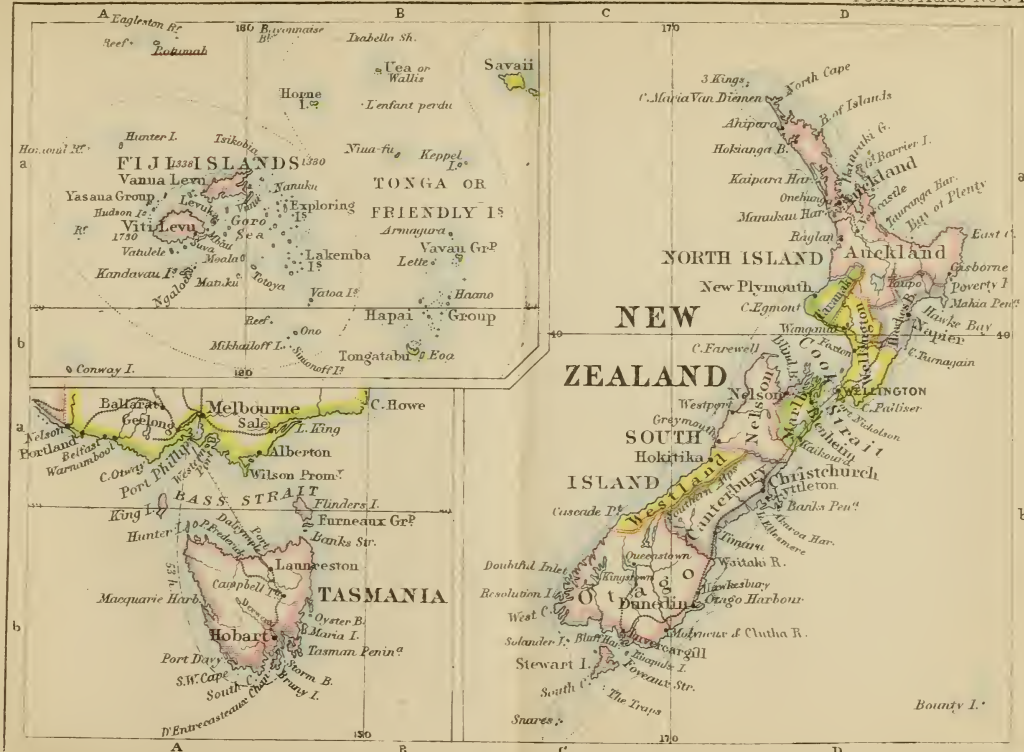
OCEANIA.

AUSTRALIA.

Torres Strait
NEW GUINEA
Sandalwood or Sumba I.
Savu
Rotti
Melville I.
Bathurst I.
Port Darwin
Coburg Pen.
Van Diemen G.
Castlereagh B.
Wessel I.
Melville B.
C. Arnhem
Arnhem Ld.
Palmerston
North Australia
Gulf of Carpentaria
Groote I.
Roper R.
Sir Edward Pelew Is.
Wellesley Is.
Burketown
Normanton
Pr. of Wales I.
C. York
Albany I.
Somerset
C. Grenville
Cape York Penina.
Princess Charlotte B.
C. Melville
C. Flattery
Cooktown
Mitchell R.
Gilbert R.
Rockingham B.
Hinchinbrooke I.
Halifax B.
Townsville
Cardwell
Flinders R.
Dalrymple
Bowen & Port Denison
Cumberland Is.
Mackay
Northumberland Is.
Rockhampton
Keppel B.
Gladstone
Hervey B.
Grt. Sandy
Maryborough
Gayndah
Banana
Gainsford
Dalby
Toowoomba
Moreton Bay
Brisbane
Ipswich
Leyburn
Mt. Lindsay
Clarence
QUEENSLAND
Barcoo R.
Warrego R.
Culgoa R.
Darling R.
Gwydir R.
Armidale
Port Macquarie
Tamworth
Maitland
Sugar Loaf Pt.
Newcastle & Port Hunter
Sydney & Port Jackson
Botany B.
Paramatta
Goulburn
Bathurst
Lachlan R.
Murrumbidgee R.
NEW SOUTH WALES
Deniliquin
Albury
Echuca
Sandhurst
Castlemaine
Mt. Kosciusko 6500
Eden
C. Howe
VICTORIA
Ballarat
Melbourne
Geelong
Portland
Nelson
C. Otway
Port Philip
Alberton
Wilson Prom.
Bass Strait
Murray
Adelaide
Gawler
Wallaroo
Kooringa
Burra Burra
Mount Lofty
Port Augusta
Eyria Pena.
Kangaroo I.
Encounter B.
St. Vincent G.
Spencer G.
C. Spencer
C. Catastrophe
Investigator Is.
L. Gairdner
L. Torrens
L. Frome
L. Gregory
Nth. L. Eyre
Sth. L. Eyre
SOUTH AUSTRALIA
Great Australian Bight
Port Eucla
Northern Territory
Central Mt. Stuart
McDonnell Ra.
Finke Cr.
L. Amadeus
Ashburton Range
Victoria R.
Tropic of Capricorn
WESTERN AUSTRALIA
Kimberley District
C. Londonderry
Admiralty G.
York Sound
Brunswick B.
Collier B.
King Sound
C. Leveque
Derby
Broome
Dampier Ld.
Fitzroy R.
Lagrange B.
Dampier Arch.
Condon
De Grey R.
Roebourne
North Western District
Ashburton R.
N. West C.
Lyons R.
Gascoyne R.
C. Cuvier
Shark B.
Dirk Hartog I.
Steep Pt.
Murchison R.
L. Austin
L. Barlee
Mt. Robinson
Geraldton
L. Moore
Cow Cowing L.
L. Lefroy
Perth
Freemantle
Peel
York
Williamsburg
Geographe B.
C. Naturaliste
Busselton
C. Leeuwin
Albany
King George Sd.
Eclipse I.
Doubtful Island B.
Recherche Archo.
English Miles
0 100 200 300 400 500 1000
J. Bartholomew Edinr.

AUSTRALIA.

NEW ZEALAND, TASMANIA, & FIJI IS.



NEW ZEALAND TASMANIA, AND
FIJI ISLANDS.

H

B. P. L. Bindery
OCT 8 1910